

and Mrs.
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The Institution of Civil Engineers.

CHARTER,
SUPPLEMENTAL CHARTER, BY-LAWS,
AND
LIST OF MEMBERS.

CHARTER,
SUPPLEMENTAL CHARTER,
BY-LAWS,

AND

LIST OF MEMBERS

OF

The Institution of Civil Engineers.

[ESTABLISHED JANUARY 2, 1818.—INCORPORATED BY ROYAL CHARTER JUNE 3, 1828.]

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CHARTER.

CHARTER

OF

The Institution of Civil Engineers.

INCORPORATED JUNE 3, 1828.

GEORGE THE FOURTH, by the Grace of God, of the United Kingdom of Great Britain and Ireland King, Defender of the Faith: To all to whom these Presents shall come, Greeting:

WHEREAS THOMAS TELFORD, of Abingdon Street, in our city of Westminster, Esquire, a Fellow of the Royal Societies of London and Edinburgh, and others of our loving subjects, have formed themselves into a Society for the general advancement of Mechanical Science, and more particularly for promoting the acquisition of that species of knowledge which constitutes the profession of a Civil Engineer, being the art of directing the great sources of power in Nature for the use and convenience of man, as the means of production and of traffic in states both for external and internal trade, as applied in the construction of roads, bridges, aqueducts, canals, river navigation and docks, for internal intercourse and exchange, and in the construction of ports, harbours, moles, breakwaters and lighthouses, and in the art of navigation by artificial power for the purposes of commerce, and in the construction and adaptation of machinery, and in the drainage of cities and towns: And have subscribed and collected considerable sums of money for those purposes: And We have been besought to grant to them, and to those who shall hereafter become members of the same Society, our Royal Charter of Incorporation, for the purposes aforesaid: Now know ye, that We, being desirous of encouraging a design so laudable

The nature and object of the Society.

and salutary, of our especial grace, certain knowledge, and mere motion, have willed, granted, and declared: And do by these presents, for us, our heirs and successors, will, grant, and declare, that the said THOMAS TELFORD, and such others of our loving subjects as have formed themselves into, and are now members of the said Society, or who shall at any time hereafter become members thereof, according to such regulations or by-laws as shall be hereafter framed or enacted, shall, by virtue of these presents, be the members of, and form one Body Politic and Corporate, for the purposes aforesaid, by the name of "THE INSTITUTION OF CIVIL ENGINEERS;" by which name they shall have perpetual succession, and a common seal, with full power and authority to alter, vary, break, and renew the same, at their discretion: and by the same name to sue, and be sued, implead, and be impleaded, answer, and be answered unto, in every court of us, our heirs and successors; and be for ever able and capable in the law, to purchase, receive, possess, and enjoy to them and their successors, any goods and chattels whatsoever, and also be able and capable in the law (notwithstanding the statutes of mortmain) to take, purchase, possess, hold and enjoy to them and their successors, a Hall, and any messuages, lands, tenements, or hereditaments whatsoever, the yearly value of which, including the site of the said Hall, shall not exceed in the whole the sum of one thousand pounds, computing the same respectively at the rack-rent which might have been had or gotten for the same respectively at the time of the purchase or acquisition thereof; and to act in all the concerns of the said body politic and corporate for the purposes aforesaid, as fully and effectually to all intents, effects, constructions, and purposes whatsoever, as any other of our liege subjects, or any other body politic or corporate in our United Kingdom of Great Britain and Ireland, not being under any disability, might do in their respective concerns. And We do hereby grant our especial licence and authority unto all and every person and persons, bodies politic and corporate (otherwise competent), to grant, sell, alien, and convey in mortmain, unto and to the use of the said Society, and their successors, any messuages, lands, tenements, or hereditaments, not exceeding such annual value as aforesaid.

Name of the
Society.

And our will and pleasure is, and We further grant and declare, that there shall be a General Meeting of the members of the said body politic and corporate, to be held from time to time, as hereinafter mentioned, and that there shall always be a Council, to direct and manage the concerns of the said body politic and corporate; and that the General Meetings and the Council shall have the entire direction and management of the same, in the manner, and subject to the regulations, hereinafter mentioned. But our will and pleasure is, that at all General Meetings, and Meetings of the Council, the majority of the members present, and having a right to vote thereat respectively, shall decide upon the matters propounded at such Meetings, the person presiding therein having, in case of an equality of numbers, a second or casting vote. And We do hereby also will, grant, and declare, that the Council shall consist of a President, four Vice-Presidents, and not more than fifteen, nor less than seven other Members, to be elected out of the Members of the said body politic and corporate; and that the first Members of the Council, exclusive of the President, shall be elected within six calendar months after the date of this our Charter; and that the said THOMAS TELFORD shall be the first President of the said body politic and corporate. And We do hereby further will, grant, and declare, that it shall be lawful for the Members of the said body politic and corporate, hereby established, to hold General Meetings once in the year, or oftener, for the purposes hereinafter mentioned (viz.); That the General Meeting shall choose the President, Vice-Presidents, and other Members of the Council; that the General Meetings shall make and establish such by-laws as they shall deem to be useful and necessary for the regulation of the said body politic and corporate, for the admission of Members, for the management of the estates, goods and business of the said body politic and corporate, and for fixing and determining the manner of electing the President, Vice-Presidents, and other Members of the Council, and the period of their continuance in office; as also of electing and appointing a Treasurer, two Auditors, and two Secretaries, and such other officers, attendants, and servants, as shall be deemed necessary or useful for the said body politic and corporate; and such by-laws

A General Meeting and Council.

The Member presiding at any Meeting shall have a second or casting vote. Constitution of the Council.

General Meetings.

General Meetings to make by-laws and regulations.

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trary to the
laws of this
Realm.

from time to time shall or may alter, vary, or revoke, and shall or may make such new and other by-laws as they shall think most useful and expedient, so that the same be not repugnant to these presents, or to the laws and statutes of this our Realm; and shall and may also enter into any resolution, and make any regulation, respecting any of the affairs and concerns of the said body politic and corporate, that shall be thought necessary and proper. And We further will, grant, and declare, that the Council shall have the sole management of the income and funds of the said body politic and corporate, and also the entire management and superintendence of all the other affairs and concerns thereof; and shall or may, but not inconsistently with, or contrary to the provisions of this our Charter, or any existing by-law, or the laws and statutes of this our Realm, do all such acts and deeds as shall appear to them necessary or essential to be done, for the purpose of carrying into effect the objects and views of the said body politic and corporate. And We further will, grant, and declare, that the whole property of the said body politic and corporate shall be vested, and We do hereby vest the same solely and absolutely in the Members thereof, and that they shall have full power and authority to sell, alienate, charge or otherwise dispose of the same, as they shall think proper; but that no sale, mortgage, incumbrance, or other disposition of any messuages, lands, tenements, or hereditaments, belonging to the said body politic and corporate, shall be made, except with the approbation and concurrence of a General Meeting. And We lastly declare it to be our Royal will and pleasure, that no resolution, or by-law, shall on any account or pretence whatsoever be made by the said body politic and corporate in opposition to the general scope, true intent, and meaning of this our Charter, or the laws or statutes of our Realm; and that if any such rule or by-law shall be made, the same shall be absolutely null and void, to all intents, effects, constructions, and purposes whatsoever. In witness whereof We have caused these our Letters to be made Patent. Witness Ourself at our Palace of Westminster, this third day of June, in the ninth year of our reign.

By Writ of Privy Seal.

SCOTT.

SUPPLEMENTAL CHARTER.

SUPPLEMENTAL CHARTER.

August 3, 1887.

VICTORIA, by the Grace of God, of the United Kingdom of Great Britain and Ireland Queen, Defender of the Faith :
To all to whom these presents shall come, Greeting :

WHEREAS the body politic and corporate of THE INSTITUTION OF CIVIL ENGINEERS was incorporated under or by virtue of a certain Charter or Letters Patent bearing date at Westminster the 3rd day of June in the ninth year of the Reign of King George the Fourth, and the said Institution is now regulated and governed by and according to the provisions of the said Charter or Letters Patent, and also by or according to certain by-laws and regulations made by the said Institution : AND WHEREAS by the said Charter or Letters Patent the said Institution has full power and authority *inter alia* to be able and capable in the law (notwithstanding the statutes of mortmain) to take, purchase, possess, hold and enjoy to them and their successors a Hall, and any messuages, lands, tenements or hereditaments whatsoever, the yearly value of which, including the site of the said Hall, shall not exceed in the whole the sum of one thousand pounds, computing the same respectively at the rack-rent which might have been had or gotten for the same respectively at the time of the purchase or acquisition thereof : AND WHEREAS the said Institution presented their humble petition to us, alleging, *inter alia*, as follows :

“ At the time the said Charter was granted the number of members of all classes was 156, and the income for that year was £446 16s. ; the number of members of all classes on the 3rd of June, 1886, was 5,174, and the total annual receipts of the said Institution for the past year were £19,945. The premises now

occupied by the Institution are situate at No. 25 Great George Street, Westminster, and the Institution entered into possession of them at Christmas 1839. The said premises have become and are totally inadequate for the accommodation now required: It is therefore in contemplation to acquire additional property adjoining the said premises for the extension thereof. The powers of the Charter as to holding land have become exhausted, and the Institution are therefore desirous that the yearly value of the property to be held by them should be extended to the sum of £10,000 at the time of purchase."

Therefore the petitioners most humbly supplicated Us to grant Our Royal Charter, enlarging the Charter of Incorporation for the purpose of empowering the Institution to purchase and hold messuages, lands, tenements and hereditaments of a yearly value not exceeding at the time of purchase the sum of £10,000.

Now KNOW YE, that We, taking the premises into Our Royal consideration of Our especial grace, certain knowledge and mere motion, have granted, constituted and appointed, and by these presents for Us, Our heirs and successors, do grant, constitute and appoint as follows, that is to say:—

1. That the powers of the Institution of Civil Engineers notwithstanding the Statutes of Mortmain, to take purchase, possess, hold and enjoy to them and their successors, a Hall, and any messuages, tenements or hereditaments whatsoever, the yearly value whereof was not to exceed the yearly value in the said Charter mentioned, and the powers unto all and every person and persons, bodies politic and corporate (otherwise competent), to grant, sell, alien, and convey in mortmain, unto and to the use of the said Society, and their successors, any messuages, lands, tenements or hereditaments, not exceeding the yearly value therein mentioned, shall be and are hereby extended, so that the yearly value of the Hall, messuages, lands, tenements and hereditaments, acquired or to be acquired

under the said Charter and this Charter, shall not exceed £8,000, computing the same respectively at the rack-rent which might have been had or gotten for the same respectively at the time of the purchase or acquisition thereof: PROVIDED, that such messuages, tenements or hereditaments shall be aliened, taken and held by the said Institution to be used and enjoyed solely for the purposes thereof and not otherwise.

2. And We do hereby, for Us, Our heirs and successors, grant and declare that these Our Letters Patent, or the enrolment or exemplification thereof, shall be in all things valid and effectual in law according to the true intent and meaning of the same, and shall be construed and adjudged in the most favourable and beneficial sense for the best advantage of the said Institution, as well in Our Courts as elsewhere, notwithstanding any recital, misrecital, uncertainty or imperfection in these Our Letters Patent.

IN WITNESS whereof We have caused these Our Letters to be made Patent. Witness ourself at Westminster the 3rd day of August, in the fifty-first year of Our Reign.

By Warrant under the Queen's Sign Manual,

MUIR MACKENZIE.



BY-LAWS AND REGULATIONS.

BY-LAWS AND REGULATIONS
OF
The Institution of Civil Engineers,

AS AMENDED APRIL 28, 1885.

SECTION I.

OBJECTS.

THE INSTITUTION OF CIVIL ENGINEERS was first established, and has since been incorporated by Royal Charter, for the general advancement of Mechanical Science, and more particularly for promoting the acquisition of that species of knowledge which constitutes the profession of a Civil Engineer.

SECTION II.

CONSTITUTION.

1. THE INSTITUTION OF CIVIL ENGINEERS shall consist of Members, of such Associates as are hereinafter declared to be entitled to the privileges of Corporate Membership, and of Honorary Members. All such Members, Associates, and Honorary Members may hereafter be referred to as Corporate Members. The Institution may also have attached to it Associates who are not entitled to the privileges of Corporate Membership, and Students.

2. MEMBERS shall comprise every person, other than an Associate or an Honorary Member, who on the 2nd of December, 1878, was on the Register as a Member; and every person thereafter elected or transferred into the class of Members. Every Candidate for election or transfer into the class of Members shall be more than twenty-five years of age, and come within one of the following conditions:—

He shall have been regularly educated as a Civil Engineer according to the usual routine of pupilage, and have had sub-

sequent employment for at least five years, and shall be actually engaged at the time of his application for election, in responsible situations as Resident Engineer, or otherwise, in some of the branches defined by the Charter as constituting the profession of a Civil Engineer ; or,

He shall have practised on his own account in the profession of a Civil Engineer for at least five years, and shall have acquired a considerable degree of eminence in the same.

3. ASSOCIATES shall be divided into those who are and those who are not entitled to the privileges of Corporate Membership.

4. ASSOCIATES ENTITLED TO THE PRIVILEGES OF CORPORATE MEMBERSHIP shall comprise every person who, on the 2nd of December, 1878, was on the Register as an Associate, and every person thereafter elected into the class of Associates entitled to the privileges of Corporate Membership.

Every candidate for election into the class of Associates entitled to the privileges of Corporate Membership shall be more than twenty-five years of age, shall have been regularly educated as a Civil Engineer, and shall be actually engaged at the time of his application for election, in the design or in the construction of such works as are comprised within the profession of a Civil Engineer as defined by the Charter ; or,

He shall satisfy the Council that he has had a sufficient training, and that he has been engaged for at least five years and that he is actually engaged at the time of his application for election, in the design or in the construction of such works as are comprised within the profession of a Civil Engineer as defined by the Charter.

5. Candidates for election into the class of Associates not entitled to the privileges of Corporate Membership shall be persons of more than twenty-five years of age, who are not Civil Engineers by profession, but whose pursuits constitute branches of Engineering, or who by their connection with Science or the Arts, or otherwise, are qualified to concur with Civil Engineers in the advancement of professional knowledge.

6. HONORARY MEMBERS shall be either distinguished individuals, who from their position are enabled to render assistance in the prosecution of public works, or persons eminent for science and experience in pursuits connected with the profession of a Civil Engineer, but who are not engaged in the

practice of that profession in the United Kingdom or its dependencies.

All persons who at the date of the passing of these By-Laws are on the Register as Honorary Members shall continue to be such.

7. STUDENTS shall be persons not under eighteen years of age, who are, or have been, pupils of Corporate Members of the Institution, and who have the object or intention of becoming engaged in the design or in the construction of such works as are comprised within the profession of a Civil Engineer as defined by the Charter; and such persons may continue Students until they attain the age of twenty-six years, but not longer.

8. The Officers of the Institution shall be a President, four Vice-Presidents, and fifteen other members of Council, being twenty persons, who shall constitute the Council to direct and manage the concerns of the Institution; also two Auditors of Accounts, a Treasurer, and two Secretaries. Such Officers shall be elected or appointed annually in manner hereinafter directed.

9. Any Member, Associate being a Corporate Member, Associate, Honorary Member, or Student, having occasion to designate himself as belonging to the Institution, shall state the class to which he belongs, according to the following abbreviated forms, *viz.* M. Inst. C.E., Assoc. M. Inst. C.E., Assoc. Inst. C.E., Hon. M. Inst. C.E., Stud. Inst. C.E.: it being understood that those Associates on the Register on the 2nd of December, 1878, who are Civil Engineers by profession, and those Associates thereafter elected to the privileges of Corporate Membership, shall alone be entitled to use the abbreviated form Assoc. M. Inst. C.E.

SECTION III.

ELECTION, TRANSFER, AND EXPULSION OF MEMBERS, ASSOCIATES, AND HONORARY MEMBERS.

1. Any person desirous of being elected a Member, Associate, or Honorary Member, must be proposed and recommended according to the Form A. in the Appendix, in which the name, usual residence, and qualifications of the candidate shall be distinctly specified. This Form must be signed by at least

six Corporate Members certifying a personal knowledge of the candidate, and a full conviction of his qualifications.

2. The proposal so made, being delivered to the Secretary, shall be submitted to the Council, who, on approving the qualifications, shall determine the class for which the candidate is to be presented for ballot. The Chairman of the Council shall sign the proposal, which shall be read at the next Ordinary Meeting of the Institution, and be placed in some conspicuous situation until the candidate is balloted for, and six clear days shall elapse between the reading of the proposal and the Ballot.

3. Any person whose proposal has been passed by the Council shall be duly informed of it by a letter, according to Form C., enclosing an engagement (Form D.); and he shall not be put up for ballot until he shall have returned the engagement (Form D.), with his signature appended.

4. Ballots shall take place at the first Ordinary Meeting of the Institution in the month of December in each year, and at the first Meeting in each ensuing month during the Session, and at the last Meeting but one in the Session. Only Corporate Members have the right of voting.

5. Every candidate shall be declared to be elected unless there be at least one negative vote for every four affirmative votes.

6. In any election a second ballot shall be granted, at the same Meeting, if it be demanded immediately by any three persons present having a right to vote.

7. In case of the non-election of any person balloted for no notice shall be taken thereof on the minutes.

8. The proposal for transferring any person from the class of Associates entitled to the privileges of Corporate Membership to the class of Members shall be according to Form B. in the Appendix. This form being subscribed by at least ten Corporate Members, and delivered to the Secretary, shall be submitted to the Council, who, subject to the conditions hereinbefore set forth, may, if they think fit, make the proposed transfer.

9. Any person duly elected a Member, Associate, or Honorary Member, or transferred from one class to another, shall be informed thereof without delay, by a letter, according to the Form E., enclosing a promise (Form F.), which promise the person elected or transferred must sign and return to the Secre-

tary, and he must pay the admission fee and annual subscription for the current year (or the increase thereof in case of transfer) within two months after the date of his election or transfer which otherwise shall become void ; but the Council may in particular cases extend the time.

10. Every individual elected, and having signed the Form F. in the Appendix, and the Register of the Institution, and having likewise made the proper payments, shall receive the diploma of his election. At the first Ordinary Meeting at which he is present, he shall, after having fulfilled the foregoing requirements, be introduced according to the ensuing form: *viz.* the President or Chairman of the Meeting, addressing him by name, shall say, "As President (or as Chairman of this Meeting) " of THE INSTITUTION OF CIVIL ENGINEERS, I introduce Mr. " A. B. as a Member, Associate, or Honorary Member (as the case may be)."

11. In case the expulsion of any Member, Associate, or Honorary Member, shall be judged expedient by twenty Corporate Members, and they think fit to draw up and sign a proposal requiring such expulsion, the same being delivered to the Secretary, shall be by him laid before the Council for consideration. If the Council, after due inquiry, do not find reason to concur in the proposal, no entry thereof shall be made in any Minutes, nor shall any public discussion thereon be permitted ; but if the Council do find good reason for the proposed expulsion, they shall direct the Secretary to address a letter, according to the Form G. in the Appendix, to the person proposed to be expelled, advising him to withdraw from the Institution. If that advice be followed, no entry shall be made on the Minutes, nor any public discussion on the subject be permitted ; but if that advice be not followed, nor a satisfactory explanation given, the Council shall call a Special General Meeting of Corporate Members for the purpose of deciding on the question of expulsion ; and if a majority of the persons present at such Special General Meeting, provided the number so present be not less than fifty, vote that such individual be expelled, the Chairman of that Meeting shall declare the same accordingly, and the Secretary shall communicate the same to the individual according to the Form II. in the Appendix.

SECTION IV.

ADMISSION AND PRIVILEGES OF STUDENTS.

1. Students may be admitted by the Council on the recommendation (according to Form A 2 in the Appendix) of the Corporate Member under whom they are, or have been, pupils; and they may remain Students of the Institution, at and during the pleasure of the Council, until they attain the age of twenty-six years, when they shall cease to be Students.

2. Any person admitted as a Student shall be informed thereof by letter (according to the Form E 1 in the Appendix) stating that the first year's subscription must be paid within two months, otherwise the admission will be void. When the first subscription shall have been paid he shall be entitled to attend the Ordinary Meetings, but not to vote at such Meetings, and to have the use of the Library (subject to such regulations as the Council may from time to time prescribe), as well as to receive a copy of the Minutes of Proceedings relating to each session during which he shall continue to be a Student.

3. Students of the Institution are eligible to compete for the premiums or prizes arising out of the "Miller Fund," and any other funds devoted by the Institution, or by any person or persons, for premiums or prizes for Students.

4. The Council may accord to Students other privileges, but subject to such terms, regulations, and restrictions, as they shall from time to time prescribe.

5. No Student will be allowed to introduce a stranger into the rooms of the Institution.

SECTION V.

CONTRIBUTIONS TO THE FUNDS.

1. Those Members, Associates, and Students, whose place of business or whose residence is within ten miles of the General Post Office, shall be considered Residents, and those beyond such limits Non-Residents.

2. On change of place of business or of residence, so as to go beyond or come within those limits before each annual contribution becomes due, the amount thereof shall vary accordingly.

3. Each resident Member shall pay four guineas, and each non-resident Member three guineas, per annum.

4. Each resident Associate shall pay three guineas, and each non-resident Associate two guineas and a half, per annum.

5. Each resident Student shall pay two guineas, and each non-resident Student one guinea and a half, per annum.

6. Every new Member and Associate shall on admission to the Institution pay a fee of ten guineas; but no payment, other than the increased annual subscription, shall be due from an Associate on his transfer to Membership.

7. Any Member, or Associate, whose subscription is not in arrears, may, if resident in the United Kingdom, compound for future annual subscriptions by the payment of fifty guineas. Any Member, or Associate, residing abroad, may compound by the payment of twenty-five guineas; but should he come to reside in the United Kingdom, he shall pay the remainder of the composition, *viz.*, twenty-five guineas, or the usual annual subscription during such residence. All such compositions shall be invested, and the interest alone shall be appropriated to the current expenditure of the Institution, except by special direction of the Council on the report and recommendation of the Finance Committee.

8. All annual subscriptions are due on the first of January in each year for the year then commencing, and must be paid before the first of April of that year; any Member, Associate, or Student, whose subscription is in arrear shall not be entitled to attend any Meeting. The subscription of any Member or Associate, elected at the Ballot in December, shall become due on the first of January next ensuing: and the subscription of any Student admitted in the month of November or December shall become due on the first of January next ensuing.

9. Every individual elected a Member, or Associate, and every Student, shall be liable for the payment of his annual subscriptions, until he has signified to the Secretary, in writing, his desire to resign, having previously paid all arrears, or until he has forfeited his right to remain in, or to be attached to, the Institution.

10. Any person whose subscription is two years in arrear, that is to say, whose arrears and current subscription shall not have been paid on or before the first of April, shall be reported

to the Council, who shall direct application to be made to him according to Form I.; and in the event of its continuing one month in arrear, after such application, the Council shall have the power, after suitable remonstrance, by letter, in the form so provided (Form K.), of erasing the name of the defaulter from the Register or lists of the Institution.

11. In the case of any Corporate Member who has been long distinguished in his professional career, but who, from ill health, advanced age, or other sufficient cause, does not continue to carry on a lucrative practice, the Council, if they find good reason for the remission of the annual subscription, may so remit it. Also they may remit any arrears which are due from such an individual; or may accept a collection of books, or drawings, or models, or such other contribution as, in their opinion, under the circumstances of the case, may entitle the person to be enrolled as a Life Subscriber, or to enable him to resume his former rank in the Institution which may have been in abeyance from any particular cause. These cases must be considered and reported upon to the Council by a Committee appointed by the Council for the purpose.

SECTION VI.

ELECTION OF COUNCIL AND OFFICERS.

1. The President, the four Vice-Presidents, and the fifteen other members of Council, shall be elected annually.

2. At the Ordinary Meeting next but one before the Annual General Meeting, the Council shall present a list of persons whom they nominate as suitable for the offices of President, Vice-Presidents, and other Members of Council for the ensuing year. The list shall contain the names of at least twenty-nine Corporate Members, and shall be the balloting list for the annual election on the last Tuesday in May, unless that Tuesday shall be Whitsun Tuesday, in which case the annual election shall take place on the first Tuesday in June. The names of persons proposed for the Council—other than the President and the four Vice-Presidents—shall all be printed in the same character of type, and in alphabetical order.

No person shall be nominated for the office of President more than two years consecutively, and at the expiration of

such two years he shall not for a period of three years be eligible to be nominated for that office.

The senior Vice-President in duration of office shall be nominated for President, except he give notice to the Council, at least one month previously, of his intention to decline accepting office.

In case of the decease or resignation of the President, the Council shall be empowered to summon a Special General Meeting of Corporate Members who shall proceed to the nomination and election of a President, the senior Vice-President being nominated as above provided.

3. At the Annual election, each Corporate Member may erase any name or names from the balloting list, and may substitute the name or names of any other person or persons eligible for each respective office; but the number of names on the list, after such erasure or substitution, must be, without the repetition of any of them, the number to be elected to the respective offices as above enumerated. Those lists which do not accord with these directions shall be rejected by the Scrutineers.

4. Previous to the commencement of balloting for the Council, the Meeting shall choose two or more competent persons as Scrutineers, who shall receive the votes. The ballot shall commence not sooner than eight o'clock, and shall continue open for one hour.

5. The two Auditors shall be elected or appointed by the Annual General Meeting.

6. The Treasurer and Secretaries shall be appointed annually by the Council.

SECTION VII.

THE PRESIDENT.

The President shall take the chair at all Meetings of the Institution, the Council, and the Committees, at which he is present, and shall regulate and keep order in the proceedings.

SECTION VIII.

THE VICE-PRESIDENTS.

In the absence of the President, it shall be the duty of the Vice-Presidents to preside in rotation at the Meetings of the

Institution, and to regulate and keep order in the proceedings. But in case of the absence of the President and of all the Vice-Presidents, the Meeting may elect any member of Council, or, in case of their absence, any Corporate Member present, to take the chair at the Meeting.

SECTION IX.

THE COUNCIL.

1. The Council to be elected, according to the provisions of Section VI., shall consist of the President, the four Vice-Presidents, and fifteen other Corporate Members.

2. The direction and management of the concerns of the Institution are vested in the Council, under the control of the Charter, By-Laws and Regulations, and of all Resolutions of Special General Meetings of Corporate Members, which have been duly summoned and held in accordance with the Charter and By-Laws, when such Resolutions have been duly entered on the Minutes, and signed by the Chairmen of the Meetings.

3. The Council shall meet as often as the business of the Institution may require; and at every Meeting three shall constitute a quorum. The Council may appoint Committees, for special purposes, to report to the Council.

4. All questions shall be decided in the Council by vote; but at the desire, expressed in writing, of any two members present, the determination of any subject shall be postponed to the succeeding Meeting.

5. A statement of the funds of the Institution, and of the receipts and payments during the past year, terminating on the 31st of March, shall be made, under the direction of the Council, and, after having been verified and signed by the Auditors, shall be laid before the Annual General Meeting.

6. The Council shall draw up a yearly Report on the state of the Institution, which shall be read at the Annual General Meeting.

7. It shall be the duty of the Council to adopt every possible means for the advancement of the Institution; to provide for properly conducting the business of the Institution in all cases of emergency, as the death or resignation of officers; and to

arrange for the publication of the Papers read at the Meetings, and of such documents as may be calculated to advance professional knowledge.

SECTION X.

THE TREASURER AND THE TWO AUDITORS.

1. The Treasurer shall be a Banker in the Metropolis, with whom all uninvested money belonging to the Institution shall be deposited by the Council on account and for the use of the Institution.

2. No sum of money payable on account of the Institution, amounting to five pounds and upwards, shall be paid except by order of the Council, signed by the Chairman of the Meeting at which the cheque was ordered, and by two other members of Council, and countersigned by the Secretary.

3. The Auditors shall have access at all reasonable times to the Accounts of the pecuniary transactions of the Institution ; and they shall verify and sign the annual statement of the Accounts before it is submitted by the Council to the Annual General Meeting.

SECTION XI.

THE SECRETARIES.

1. The Secretaries of whom one shall be Honorary, and the other or acting Secretary shall be designated as the Secretary, shall be appointed every year by the Council, at the first Meeting of the Council after the Annual General Meeting.

2. It shall be the duty of the Secretary, under the direction of the Council, to conduct the correspondence of the Institution ; to attend all Meetings of the Institution, and of the Council, and of Committees ; to take Minutes of the proceedings of such Meetings ; to read the Minutes of the preceding Meeting and all communications that may be ordered to be read ; to superintend the publication of such Papers as the Council may direct ; to have charge of the Library ; to direct the collection of the subscriptions and the preparation of the account of the expenditure of the funds, and to present all accounts to the Council

for inspection and approval. He shall also engage and be responsible for all persons employed under him, and shall generally conduct the ordinary business of the Institution.

SECTION XII.

THE SESSIONS AND MEETINGS.

1. The Session of the Institution shall commence annually on the second Tuesday in November, and shall continue till the end of May, but in case the last Tuesday in May shall be Whitsun Tuesday, then (as hereinbefore and as hereinafter stated) for the purpose of holding the Annual General Meeting, it shall continue till the first Tuesday in June; and it shall be in the power of the Council to protract the Session, if it appear advisable.

2. The Meetings of the Institution shall be as follows:—
1st, the Annual General Meeting of Corporate Members only.
2nd, Ordinary Meetings. 3rd, Special General Meetings of Corporate Members only, for the purpose of making, altering, and establishing By-laws and Regulations, or for any other special business for which such Meetings may be convened.

3. The Annual General Meeting of the Institution shall be held on the last Tuesday in May, unless that Tuesday shall be Whitsun Tuesday, in which case it shall be held on the first Tuesday in June, at eight o'clock in the evening, to receive and deliberate upon the Report of the Council on the state of the Institution, with the annual statement of the Accounts, and to elect the Council and Officers for the ensuing year.

4. The Ordinary Meetings shall be held on every Tuesday, during the Session, at eight o'clock in the evening, with the exception of the Tuesdays between the Tuesday previous to Christmas Eve and the second Tuesday in January, and also with the exception of Easter Tuesday and Whitsun Tuesday; but it shall be in the power of any Ordinary Meeting, on the recommendation of the Council, to make such other exceptions as may appear advisable. No new question shall be introduced, or motion be made, after ten o'clock.

5. The business of the Ordinary Meetings of the Institution

shall be conducted as nearly as possible in the following order:—

1. The Minutes of the preceding meeting to be read, and after having been confirmed, to be signed by the Chairman.

2. Business arising out of the Minutes to be entered on.

3. Communications from the Council to be brought forward.

4. Candidates for election to be announced.

5. Any individual present for the first time since his election, having paid the usual contributions, and signed the Forms and the Register, to be introduced by the Chairman to the Meeting.

6. Original Communications to be read and discussed.

7. Candidates for election to be balloted for.

6. Every Corporate Member shall have the privilege of introducing one stranger, to be present at the Ordinary Meetings of the Institution, on writing his name in a book provided for that purpose, or sending with him a card signed with his name, according to a Form provided.

7. No question shall be discussed, or motion be made, at the Ordinary Meetings, relative to the direction and management of the concerns of the Institution; such direction and management being vested in the Council, under the control of the Charter and By-Laws, and of the Resolutions of Special General Meetings.

8. The Council may at any time call a Special General Meeting of Corporate Members for a specific purpose relative to the direction and management of the concerns of the Institution; and the Council are at all times bound to do so on a requisition in writing of twenty Corporate Members, specifying the nature of the business to be transacted.

9. A notice shall be sent to those Corporate Members who reside in the United Kingdom, at least seven days before the time appointed by the Council for such Special General Meeting; and the notice shall specify the nature of the business to be transacted, and no other than that business shall be transacted at that Meeting. All Corporate Members shall have a right, subject to the provision of Section V., Article 8, to attend and vote, and fifty shall constitute a quorum.

SECTION XIII.

OTHER SOCIETIES AND LECTURES.

1. The Council shall have power to grant from time to time, as they may think fit, the use of the rooms of the Institution to any Society for purposes analogous to those of the Institution, and to any persons who may be desirous of having Lectures delivered on subjects connected with the objects of the Institution.

SECTION XIV.

ENACTMENT OF BY-LAWS AND REGULATIONS.

1. The Council, when they may consider it expedient to propose the enactment of any new By-Law or Regulation, or the alteration or repeal of any existing one, shall summon a Special General Meeting of Corporate Members to decide on the same. And the Council are at all times bound to do so on a requisition in writing of twenty Corporate Members, specifying the particular new By-Law or Regulation, or the alteration or repeal of any existing one, which they recommend.

2. A notice shall be sent to those Corporate Members who reside in the United Kingdom, at least seven days before the time appointed by the Council for such Special General Meeting. The notice shall state the general tenour and objects of any new By-Law or Regulation or the alteration or repeal of any existing one, which is to be proposed and discussed; and the business of the Meeting shall be limited thereto. All the Corporate Members of the Institution (but none other than Corporate Members) shall have a right, subject to the provision of Section V., Article 8, to attend and vote, and fifty shall constitute a quorum.

3. No new By-Law or Regulation, or alteration or repeal of any existing By-Law or Regulation, shall be proposed at any Meeting of the Institution, except in the manner above prescribed.

4. It shall be sufficient in all cases if the Forms in the Appendix are substantially followed, and no act or proceeding shall be invalid by reason of any formal defect.

SECTION XV.

THE PROPERTY OF THE INSTITUTION.

1. The property and effects of the Institution, of what kind soever, are vested in the Corporate Members for the time being, for the use of the body politic and corporate solely, in furtherance of the public and scientific objects contemplated in the Charter.

2. Under no pretence whatever shall such property and effects, or the income or revenue of the Institution, derived from voluntary contributions or otherwise howsoever, be applied in making any dividend, gift, division, or bonus, unto or between any of the Corporate Members, and the same is hereby expressly prohibited, in conformity with the fundamental law and invariable practice of the Institution, as acted upon from its first establishment; and therefore no proposition in contravention thereof shall be entertained by the Council, or by any Meeting, whether General or Special, of the Corporate Members of the Institution.

3. Every Paper, Map, Plan, Drawing, or Model, presented to the Institution, shall be considered the property thereof, unless there shall have been some previous arrangement to the contrary, and the Council may publish the same in any way and at any time they may think proper. But should the Council refuse or delay the publication of such Paper beyond a reasonable time, the Author thereof shall have a right to copy the same, and to publish it as he may think fit, having previously given notice, in writing, to the Secretary of his intention. Except as hereinbefore provided, no person shall publish, or give his consent for the publication of any communication presented and belonging to the Institution, without the previous consent of the Council.

4. The Library shall be open daily to all Members, Associates, Honorary Members, and Students, from 9½ A.M. to 5½ P.M., when they shall have the right to peruse and inspect all Books, Papers, Plans, Maps, &c., belonging to the Institution, and to make copies and extracts therefrom (doing no injury to the same), with the exception of such documents as the Council shall order not to be inspected or copied; but none of the

property of the Institution shall be taken away from the premises without the express permission of the Council.

SECTION XVI.

DONATIONS AND BEQUESTS.

1. The names of all persons who have presented any additions to the Library, or to the collections of Plans and Models, or who have made any voluntary contribution to the funds of the Institution, shall be recorded and published as benefactors to the Institution.

2. Every person desirous of bequeathing to the Institution any Manuscripts, Books, Maps, Plans, Drawings, Instruments, or other personal property, is requested to make use of the following form in his will :

“ I give and bequeath to THE INSTITUTION OF CIVIL
“ ENGINEERS, incorporated by Royal Charter, dated June
“ the 3rd, 1828, [*here enumerate and particularize the*
“ *effects or property to be bequeathed:*] And I hereby
“ declare that the receipt of the Treasurer of the said
“ Institution for the time being shall be an effectual dis-
“ charge to my executors for the said legacy or bequest.”

APPENDIX TO THE BY-LAWS.

A P P E N D I X,
CONTAINING FORMS REFERRED TO
IN
THE BY-LAWS.

FORM A.

A _____ B _____ of _____
_____ being upwards of twenty-five years of
age, born on the _____ day of _____ 18____, and being desirous
of belonging to THE INSTITUTION OF CIVIL ENGINEERS, I recommend him,
from PERSONAL KNOWLEDGE, as in every respect worthy of that distinction,
because

*[Here specify distinctly the Qualifications of the Candidate according to
the spirit of Articles 2, 4, 5 and 6, Sect. II. of the By-Laws.]*

On the above grounds, I beg leave to propose him to the Council as a
proper person to belong to the Institution.

Signed, (A. B.) *Corporate Member.*

Dated this _____ day of _____ 18__.

We, the undersigned, concur in the above recommendation from per-
sonal knowledge, and being fully convinced that A. B. is in every respect a
proper person to belong to the Institution.

Signed, _____

The Council, having considered the above recommendation, present
A. B. to be balloted for as _____ of THE INSTITUTION OF CIVIL
ENGINEERS.

Signed, _____

Chairman.

Dated this _____ day of _____ 18__.

FORM A 2.

(STUDENT.)

A _____ B _____ of _____
 _____ born on the _____ day
 of _____ 18 ___, being desirous of admission as a Student of THE
 INSTITUTION OF CIVIL ENGINEERS, I recommend him, from PERSONAL
 KNOWLEDGE, as worthy of that privilege, and as coming within the Rules
 appertaining to that class, viz.: that he is upwards of eighteen years of
 age, and is under twenty-five years of age, and is, or has been, *bonâ fide*,
 in the course of preparation and training under me, with the object of
 becoming engaged in the design or in the construction of such works as
 are comprised within the profession of a Civil Engineer as defined by the
 Charter.

 { Signature of the Proposer, who must be a
 Corporate Member of the Institution.

 Signature of the Candidate.

Dated this _____ day of _____ 18__.

The Council, having considered the above recommendation, admit
 _____ as a Student of THE
 INSTITUTION OF CIVIL ENGINEERS.

Signed, _____
 Chairman.

Dated this _____ day of _____ 18__.

FORM B.

WE, whose names are hereunto subscribed, submit to the Council
 of THE INSTITUTION OF CIVIL ENGINEERS the propriety of transferring
 A _____ B _____ of _____ born on the _____
 day of _____ 18 ___, from the class of Associates entitled to the privileges
 of Corporate Membership, in which he was elected on the _____ day of
 _____ 18 ___, to the class of MEMBER, because _____

[*Here specify distinctly the Qualifications of the Candidate according to the
 spirit of Articles 2 and 4, Sect. II. of the By-Laws.*]

Witness our hands this _____ day of _____ 18__.

Signed, _____

The Council of THE INSTITUTION OF CIVIL ENGINEERS, meeting on
 the _____ day of _____ 18 ___,
 transfer A. B. from the class of Associates entitled to the privileges of
 Corporate Membership to the class of Member.

Signed, _____
 Chairman.

FORM C.

The Institution of Civil Engineers,

SIR, _____, 18____.

I beg to inform you that, having been proposed by Mr. _____, and seconded by Messrs. _____ your name was laid before the Council and passed as _____ of the Institution, and was approved by the Ordinary Meeting of the Institution on Tuesday _____. Previously, however, to your proposal being submitted to Ballot at the Meeting on Tuesday _____ you are required to sign and return the accompanying engagement.

I beg to transmit to you a copy of the Charter, and of the By-Laws and Regulations of the Institution. The result of the Ballot will be communicated to you, immediately after the Meeting.

I am, Sir, &c.

FORM D.

I, the undersigned, being proposed for Ballot as _____ of THE INSTITUTION OF CIVIL ENGINEERS, do hereby promise, that, in the event of my election, I will be governed by the Royal Charter of the Institution, and by the By-Laws and Regulations of the said Institution, as they are now formed, or as they may hereafter be altered, amended, or enlarged, under the powers of the said Charter; and I promise to promote the objects of the said Institution as far as shall be in my power, and to attend the meetings thereof as often as I conveniently can. Provided that, whenever I shall signify in writing to the Secretary, that I am desirous of withdrawing my name therefrom, I shall (after the payment of any arrears which may be due by me at that period) be free from this obligation.

I also engage to present to the Institution an Original Communication, drawing, plan, or model of engineering interest, or some scientific work for the library, within the space of twelve months from the date of my election.

Witness my hand, this _____ day of _____ 18____.

FORM E.

SIR,

The Institution of Civil Engineers.

_____, 18____.

I have the honour to inform you that you were duly made a _____ of THE INSTITUTION OF CIVIL ENGINEERS, on the _____ day of _____.

According to the Regulations of the Institution, you are required as _____ to pay _____ being your admission fee, and subscription for the current year, and to return the accompanying obligation with your signature, within two months of the date of your election [*or transfer*]; otherwise your election [*or transfer*] will be void. These conditions being complied with, you will be considered as a _____ of the Institution, when the diploma of your election [*or transfer*], and any publications or notices to which you are entitled, will be forwarded according to your directions.

I beg to direct your attention to Section V. of the By-Laws, and to point out that all annual subscriptions become due on the 1st of January in each year for the year then commencing.

I am, Sir, &c.

FORM E 1.

SIR,

The Institution of Civil Engineers.

_____, 18____.

I have the honour to inform you, that the Council of THE INSTITUTION OF CIVIL ENGINEERS, meeting on the _____ day of _____ 18____, admitted you as a Student of the Institution.

According to the Regulations of the Institution, you are required to pay the sum of _____, being the amount of your first subscription, within two months from the date of your admission, otherwise the admission will be void. When such payment has been made, you will become entitled to the privileges of your class.

I beg to direct your attention to Section V. of the By-Laws, and to point out that all annual subscriptions become due on the 1st of January in each year for the year then commencing.

I am, Sir, &c.

FORM F.

I, the undersigned, having become _____ of THE INSTITUTION OF CIVIL ENGINEERS, do hereby promise that I will be governed by the Royal Charter of the Institution, and by the By-Laws and Regulations of the said Institution as they are now formed, or as they may hereafter be altered, amended, or enlarged, under the powers of the said Charter; and I promise to promote the objects of the said Institution as far as shall be in my power, and to attend the meetings thereof as often as I conveniently can. Provided that, whenever I shall signify in writing to the Secretary that I am desirous of withdrawing my name therefrom, I shall (after the payment of any arrears which may be due by me at that period) be free from this obligation.

I also engage to present to the Institution an Original Communication, drawing, plan, or model of engineering interest, or some scientific work for the library, within the space of twelve months from the date of my election [*or transfer*].

Witness my hand, this _____ day of _____ 18____.

FORM G.

SIR,

The Institution of Civil Engineers.

_____, 18____.

I am directed by the Council of THE INSTITUTION OF CIVIL ENGINEERS to inform you, that upon mature consideration of a proposal which has been laid before them relative to you, they will call a Special General Meeting thereon, as is provided for by Article 11, Section III., of the By-Laws and Regulations of this Institution. But previous to taking such a step, it becomes the duty of the Council to advise you to withdraw from the Institution which can be done on your complying with Article 9, Section V.

I am, Sir, &c.

FORM H.

SIR,

The Institution of Civil Engineers.

_____, 18____.

It is my duty to inform you, that by a resolution of a Special General Meeting of Corporate Members of THE INSTITUTION OF CIVIL ENGINEERS, which was [held] here on the _____ day of _____ 18____, according to the provisions of Article 11, Section III., of the By-Laws and Regulations, you were declared to be no longer belonging to the Institution.

I am, Sir, &c.

FORM I.

SIR,

The Institution of Civil Engineers.

_____, 18____.

I am directed by the Council of THE INSTITUTION OF CIVIL ENGINEERS to draw your attention to Articles 8 and 10, Section V. of the By-Laws, and to remind you, that the sum of £_____ of your annual subscriptions to the funds of the Institution remains unpaid, and that you are in consequence in arrear of subscription. I am also directed to request that you will cause the same to be paid without further delay, otherwise the Council will be under the necessity of exercising their discretion, as to using the power vested in them by Article 10, Section V., of the By-Laws and Regulations.

I am, Sir, &c.

FORM K.

SIR,

The Institution of Civil Engineers.

_____, 18____.

I am directed by the Council of THE INSTITUTION OF CIVIL ENGINEERS to inform you, that in consequence of the non-payment of your arrears of subscription, and in pursuance of Article 10, Section V., of the By-Laws and Regulations, the Council have declared by special vote, on the _____ day of _____ 18____, that you have forfeited your claim in future to belong to the Institution, and your name will be in consequence expunged from the Register or lists, unless payment is made previous to _____.

But notwithstanding such forfeiture as regards the future, I am directed to call upon you for payment of your arrears amounting to £____:____:____.

I am, Sir, &c.

LIST OF MEMBERS.

1 AUGUST, 1891.

NOTICE.

It is particularly requested that every change of residence, as well as of Telegraphic Address and Telephone Number, may be communicated without delay to

The Secretary,

The Institution of Civil Engineers,

25, Great George Street, Westminster, S.W.

In the following List the *words* in brackets denote Telegraphic Address; the *figures*, Telephone Number, the latter of course referring to the respective local Exchanges.

THE INSTITUTION OF CIVIL ENGINEERS.

25 GREAT GEORGE STREET, WESTMINSTER, S.W.

[TELEGRAMS, "INSTITUTION, LONDON." TELEPHONE, "3051."]

Established 2 Jan. 1818.—Incorporated by Royal Charter 3 June 1828.

Council :

PRESIDENT.

GEORGE BERKLEY.

VICE-PRESIDENTS.

HARRISON HAYTER,
ALFRED GILES, M.P.,

Sir ROBERT RAWLINSON, K.C.B.,
Sir BENJAMIN BAKER, K.C.M.G.,
LL.D., F.R.S.,

MEMBERS.

WILLIAM ANDERSON, D.C.L., F.R.S.,
JOHN WOLFE BARRY,
EDWARD ALFRED COWPER,
Sir JAMES NICHOLAS DOUGLASS,
F.R.S.,
Sir DOUGLAS FOX,
J. C. HAWKSHAW, M.A.,
CHARLES HAWKSLEY,
Sir BRADFORD LESLIE, K.C.I.E.,

GEORGE FOSBERY LYSTER,
JAMES MANSEERGH,
Sir GUILFORD LINDSAY MOLES-
WORTH, K.C.I.E.,
WILLIAM HENRY PREECE, F.R.S.,
Sir EDWARD JAMES REED, K.C.B.,
F.R.S., M.P.,
WILLIAM SHELFORD,
FRANCIS WILLIAM WEBB,

* * *This Council will continue till May 1892.*

Honorary Councillors :

PAST-PRESIDENTS.

1866-7. *Sir* JOHN FOWLER, *Bart.*,
K.C.M.G., LL.D.,
1868-9. *Sir* CHARLES HUTTON
GREGORY, K.C.M.G.,
1872-3. THOMAS HAWKSLEY,
F.R.S.,
1876-7. GEORGE ROBERT STEPHEN-
SON,
1880. WILLIAM HENRY BARLOW,
F.R.S.,
1881. JAMES ABERNETHY, F.R.S.E.,

1882. Lord ARMSTRONG, C.B., LL.D.,
D.C.L., F.R.S.,
1883. *Sir* JAMES BRUNLEES,
F.R.S.E.,
1885-6. *Sir* FREDERICK J. BRAM-
WELL, *Bart.*, D.C.L., F.R.S.,
1886-7. EDWARD WOODS,
1887-9. *Sir* GEORGE BARCLAY
BRUCE,
1889-91. *Sir* JOHN COODE,
K.C.M.G.

Officers :

AUDITORS.

WM. MATTHEWS (*London*). | FRANK STUART COURTNEY.

TREASURER.

HUGH LINDSAY ANTROBUS.

HONORARY SECRETARY.

WILLIAM POLE, F.R.SS. L. & E.

SECRETARY.

JAMES FORREST.

ENUMERATION.

3 June, 1891.

HONORARY MEMBERS	. . . . .	20
MEMBERS	. . . . .	1,749
ASSOCIATE MEMBERS	. . . . .	3,019
ASSOCIATES	. . . . .	419
STUDENTS	. . . . .	898
TOTAL	. . . . .	6,105

HONORARY MEMBERS.

[Hon. M. Inst. C.E.]

Date of Election.	HONORARY MEMBERS.	
1881 Dec. 6.	ABEL, <i>Sir</i> FREDERICK AUGUSTUS, K.C.B., D.C.L., F.R.S.	{ Imperial Institute, So. Kensington, S.W. [Imperial Institute, London. 8743.]
1842 June 28.	AIRY, <i>Sir</i> GEORGE BIDDELL, K.C.B., M.A., D.C.L., F.R.SS. L. & E.	The White House, Croom's Hill, Greenwich, S.E.
1886 Jan. 12.	ALPHAND, JEAN CHARLES ADOLPHE ..	Hôtel de Ville, Paris.
1877 Mar. 13.	BELGIANS, H.M. LEOPOLD II., KING OF THE,	Brussels.
1889 May 21.	BESSEMER, <i>Sir</i> HENRY, F.R.S.	Denmark Hill, S.E.
1884 Mar. 4.	BRAMWELL, <i>Lord</i> , F.R.S.	Four Elms, Edenbridge, Kent.
1872 Jan. 9.	BRAZIL, H.M. DOM PEDRO II., EX-EMPEROR OF, F.R.S.	
1885 May 12.	CAMBRIDGE, <i>Field-Marshal</i> H.R.H. the Duke of, K.G., K.T., K.P., G.C.B., &c.	Gloucester House, Park Lane, W.
1891 Jan. 13.	CARNOT, MARIE FRANÇOIS SADI (<i>President of the French Republic</i>)	Paris.
1889 Feb. 5.	CLARENCE and AVONDALE, H.R.H. the Duke of, K.G., K.P.	Marlborough House, Pall Mall, S.W.
1872 May 7.	CONNAUGHT, H.R.H. the Duke of, K.G., K.T., K.P., G.C.S.I., G.C.M.G., K.C.B., &c.	Portsmouth.
1881 Dec. 6.	DEVONSHIRE, the Duke of, K.G., D.C.L., F.R.S.	Devonshire House, Piccadilly, W.
1866 May 15.	EDINBURGH, H.R.H. the Duke of, K.G., K.T., K.P., G.C.S.I., G.C.M.G., &c.	Devonport.
1884 Mar. 4.	GROVE, the <i>Rt. Hon.</i> SIR WILLIAM ROBERT, M.A., D.C.L., LL.D., F.R.S.	115 Harley Street, W.
1880 May 4.	LESSEPS, <i>Sir</i> FERDINAND DE, G.C.S.I., LL.D.	Paris.
1891 Jan. 13.	RAYLEIGH, <i>Lord</i> , M.A., D.Sc., F.R.S. ..	Terling Place, Witham, Essex.
1865 May 2.	SUTHERLAND, the Duke of, K.G., F.R.S. ..	Stafford House, St. James's S.W.
1889 May 21.	THOMSON, <i>Sir</i> WILLIAM, LL.D., F.R.SS. L. & E.	The University, Glasgow.
1880 Feb. 3.	TYNDALL, JOHN, LL.D., F.R.S.	Hind Head House, Haslemere.
1865 Mar. 28.	WALES, H.R.H. ALBERT EDWARD, <i>Prince</i> of, K.G., K.T., K.P., G.C.B., G.C.S.I., &c.	Marlborough House, Pall Mall, S.W.

Total number of Honorary Members .. 20

M E M B E R S.

[M. Inst. C.E.]

Date of Election and of Transfer.		MEMBERS.	
1889 Jan. 8.	ABBATT, RICHARD HENRY	East Indian Ry., Calcutta.	
A. 1881 Jan. 11.	ABERNETHY, GEORGE NEILL	4 Delahay Street, Westminster, S.W.	
M. 1885 May 19.			
A. 1844 Mar. 5.	ABERNETHY, JAMES, F.R.S.E. (Past-President.)	4 Delahay Street, Westminster, S.W.	
M. 1856 Mar. 4.			
A. 1869 Dec. 7.	ABERNETHY, JAMES, JUN.	4 Delahay Street, Westminster, S.W.	
M. 1879 Mar. 25.			
A. 1871 Dec. 5.	ADAMS, HENRY	{ 60 Queen Victoria Street, E.C. [Viburnum, London.]	
M. 1883 May 1.			
1869 Apr. 6.	ADAMS, WILLIAM	Carlton House, Putney Hill, S.W.	
1883 Mar. 6.	ADAMS, WILLIAM	Western Ry., Buenos Ayres.	
A. 1847 Mar. 2.	ADDISON, JOHN	The Castle Hill, Maryport.	
M. 1859 Feb. 1.			
A. 1872 Dec. 3.	ADDY, JOHN	{ South Lawn Lodge, Whichwood, Burford, Oxon.	
M. 1881 Apr. 12.			
A. 1867 May 21.	AIRY, WILFRID, B.A.	6 Great Queen Street, S.W.	
M. 1874 Apr. 21.			
1872 Mar. 5.	AITKEN, RUSSEL	{ W. Heggerty, 2 Great George Street, S.W. [S.W.]	
A. 1875 Mar. 2.	ALBRECHT, CHARLES JOHN	Conservative Club, St. James's St.,	
M. 1879 Dec. 16.			
1890 Mar. 4.	ALEXANDER, ANDREW MILLER ..	Harbour Trust, Melbourne, Victoria.	
A. 1888 May 15.	ALEXANDER, ARTHUR LYON	12 Delahay St., Westminster, S.W.	
M. 1889 Apr. 2.			
1880 Dec. 7.	{ ALEXANDER, STANLEY DE VERE HASTINGS	Railway Dept., Sydney, N.S.W.	
A. 1879 Feb. 4.	ALFORD, ROBERT GERVASE	Prison Department, Edinburgh.	
M. 1884 May 27.			
1870 Feb. 1.	ALLAN, GEORGE	{ 10 Austin Friars, E.C. [Clematis, London.]	
A. 1865 Feb. 7.			
M. 1869 Dec. 7.	ALLEN, EMANUEL	{ 9 Cavendish Road, St. John's Wood, N.W.	
A. 1883 Mar. 6.			
M. 1891 Apr. 7.	ALLEN, WILLIAM HENRY	{ York Street Works, Lambeth, S.E.	
1872 Apr. 9.			
1890 May 20.	ALLEYNE, Sir JOHN GAY NEWTON, Bt.	Chevin, Belper.	
A. 1876 Feb. 1.	ALLIOTT, JAMES BINGHAM	Blooms Grove Works, Nottingham.	
M. 1888 Mar. 6.			
A. 1876 Apr. 4.	ALLISON, JOHN	{ City Engineer, Town Hall, Man- chester.	
M. 1880 Dec. 21.			
1872 Feb. 6.	ALLOTT, CHARLES SNEATH	{ 4 Chapel Walks, Cross St., Man- chester.	
1865 Jan. 10.			
1880 Feb. 3.	ALLPORT, HOWARD ASTON	Dodworth Grove, Barnsley. [Switzerld.]	
1883 Dec. 4.	ANDERSON, BERESFORD	Maison Vagot, Vernex, Montreux,	
A. 1870 Dec. 6.	ANDERSON, GEORGE	H. S. King & Co., 65 Cornhill, E.C.	
M. 1879 Nov. 4.			
1869 Jan. 12.	ANDERSON, JAMES ARTHUR	e.o. Postmaster, Rawal Pindi, India.	
1878 Feb. 5.	ANDERSON, JNO. PHILIP CORTLANDT	Golfston, Westward Ho, No. Devon.	
1891 Jan. 13.	ANDERSON, WILLIAM, D.C.L., F.R.S. (Member of Council.)	Lesney House, Erith. [3695, Lond.]	
1858 Jan. 12.	ANDERSON, WILLIAM	Teesdale Ironwks., Stockton-on-Tees.	
1864 Mar. 1.			
A. 1875 May 11.	{ ANDRADE, ANTONIO DE CARVALHO PAES DE	Rio de Janeiro.	
M. 1881 May 31.			
1869 Jan. 12.	ANDREWS, ARTHUR THOMAS	42 Brandenburgh Rd., Chiswick, W.	
1864 Mar. 1.	ANDREWS, CHARLES	4 Kelvin Gr., Sydenham Hill Rd., S.E.	
A. 1875 May 11.	ANDREWS, EDMUND	L. & S.W. Ry., Waterloo Station, S.E.	
M. 1881 May 31.			

Date of Election and of Transfer.		MEMBERS.	
A. 1863 Dec. 1.	}	ANDREWS, JOHN ORME	18 Grange Park, Ealing, W.
M. 1877 May 8.			
A. 1881 Dec. 6.			
M. 1888 Jan. 17.	}	ANDREWS, THOMAS, F.R.SS. L. & E.	Wortley Ironworks, nr. Sheffield
A. 1866 Dec. 4.			
M. 1878 Apr. 9.			
1877 Mar. 6.	}	ANDREWS, THORNTON	Cefn Eithen, Swansea.
A. 1859 Apr. 5.		ANDREWS, WILLIAM	Govt. Rys., Maritzburg, Natal.
M. 1866 May 15.		ANGELL, LEWIS	Town Hall, Stratford, E.
1889 Feb. 5.	}	ANGUS, JAMES	Railwy. Commission, Sydney, N.S.W.
1885 May 19.		ANLEY, GEO. AUGUSTUS D'AUVERGNE	{ Mendip Lodge, De Parys Avenue, Bedford.
1879 Apr. 1.		APJOHN, JAMES HENRY, M.A. ..	Engineer, Port Trust, Calcutta.
A. 1864 Feb. 2.	}	APPLEBY, CHARLES JAMES	{ 22 Walbrook, E.C. [Millwright London.]
M. 1877 May 29.			
A. 1863 May 5.			
M. 1888 Oct. 30.	}	APPLETON, EDWARD	1 Vaughan Parade, Torquay.
1885 May 5.		ARGYLE, JOHN	Midland Ry., Derby.
A. 1849 Apr. 3.		{ ARMSTRONG, <i>Lord</i> , C.B.,	Elswick Works, Newcastle-on-Tyne. [Elswick, Newcastle. 8.]
M. 1854 Jan. 31.		{ L.L.D., D.C.L., F.R.S.	
		(<i>Past-President.</i>)	
A. 1877 May 29.	}	ARMSTRONG, WALTER YOUNG ..	G. W. Ry., Paddington, W.
M. 1890 Feb. 4.			
1865 Apr. 4.		ASHMEAD, FREDERICK	13 Prince St., Bristol.
1882 May 2.	}	ASKWITH, ROBERT	Etherley Ho., nr. Bishop Auckland.
A. 1881 Feb. 1.			
M. 1887 Nov. 22.		ASPINALL, JOHN AUDLEY FREDERICK	Fern Bank, Heaton, Bolton.
A. 1871 Feb. 7.	}	ATHERSTONE, GUYBON DAMANT ..	{ c.o. Resident Eng., Cape Town, C.C.
M. 1884 Oct. 14.			
1890 Jan. 14.		ATKINSON, ALEXANDER, L.C.E. ..	North Westn. Hotel, Lahore, Punjab.
1859 Apr. 5.	}	ATKINSON, WILLIAM	17 Victoria Street, S.W.
1891 Feb. 3.		ATTOCK, FREDRICK	{ 185 High Street, Oxford Road, Man- chester.
1878 May 28.		AUSTIN, ALBERT DUNCAN	8 St. Andrew's Rd., W. Kensington, W.
1858 Jan. 12.	}	AUSTIN, CHARLES EDWARD	1 Victoria Street., S.W.
A. 1865 Feb. 7.			
M. 1879 Jan. 14.		AYLMER, RICHARD	42 Parliament Street, S.W.
1878 Feb. 5.	}	AYRES, ARTHUR	Trinity House, E.C. [2242.]
1860 Apr. 3.		AYRIS, JOHN	Waterworks Office, Norwich.
A. 1874 Dec. 1.			
M. 1889 Mar. 26.	}	BAGGALLAY, HENRY CHARLES ..	Irondale, Elm Pk. Rd., Chelsea, S.W.
1890 Dec. 2.		BAGLEY, FREDERICK ROBERT ..	P.W.D., Shan Hills Survey, Burma.
A. 1886 Jan. 12.			
M. 1888 Oct. 30.	}	BAGNALL, HARVEY, M.A., B.E. ..	Guildford, Western Australia.
1870 Apr. 5.		BAILEY, JOHN	41 Rue des Vicillards, Boulogne.
1874 Feb. 3.		BAILEY, JOHN CHARLES	211 Carlton St., Toronto, Canada.
1888 Feb. 7.	}	BAILLIE, JONATHAN ROBERT ..	London Yard, Poplar, E. [5108.]
1880 Apr. 6.		BAILLIE, ROBERT	London Yard, Poplar, E. [5108.]
1891 Mar. 3.		BAINBRIDGE, CHARLES EDWARD ..	Middleton-in-Teesdale, Darlington.
A. 1871 Dec. 5.	}	BAINBRIDGE, EMERSON	Nunnery Colliery Offices, Sheffield.
M. 1883 May 29.			
1876 May 30.		BAIRD, GEORGE	Fulmer, Slough.
A. 1867 Dec. 3.	}	BAKER, <i>Sir</i> BENJAMIN, K.C.M.G.,	2 Queen Square Place, S.W. [3033.]
M. 1877 May 29.		L.L.D., F.R.S. (<i>Vice-President.</i>)	
1888 May 15.		BAKEWELL, WILLIAM NEWTON ..	31 Herbert Rd., Stockwell, S.W.
A. 1877 Feb. 6.	}	BALDREY, HENRY OSBORNE	21 Queen Anne's Gate, S.W.
M. 1886 Feb. 9.			
1865 Dec. 5.		BALDREY, JAMES DANFORD	2 Queen Square Place, S.W. [3033.]
A. 1875 May 4.	}	BALFOUR, DAVID	{ 3 St. Nicholas Bldgs., Newcastle- on-Tyne. [Balfour, Myre Hall, Houghton-le-Spring.]
M. 1889 Apr. 9.			

Date of Election and of Transfer.		MEMBERS.	
A. 1874 Mar. 3.}	M. 1877 Nov. 27.}	BALLARD, ROBERT	Rockhampton, Queensland.
A. 1875 May 4.}	M. 1878 Dec. 3.}	BANCROFT, HENRY	26 Cooper Street, Manchester.
A. 1861 Feb. 5.}	M. 1866 Mar. 13.}	BANISTER, FREDERICK DALE ..	Stonehouse, Forest Row, Sussex.
A. 1873 Dec. 2.}	M. 1878 Dec. 3.}	BARBER, EDMUND SCOTT	Frank Townsend, Clifton, Bristol.
A. 1873 Mar. 4.}	M. 1877 Nov. 27.}	BARKER, JOHN	20 Oppidans Rd., Primrose Hill, N.W.
A. 1881 Feb. 1.}	M. 1889 Mar. 19.}	BARKER, JOHN	São Paulo Ry., São Paulo, Brazil.
1889 May 7.}		BARKER, ROBERT	L. C. & D. Ry., Victoria, S.W.
A. 1872 Dec. 3.}	M. 1879 Dec. 23.}	BARLOW, CRAWFORD, B.A. ..	{ 2 Old Palace Yard, S.W. [Ingegnere, London.]
1845 Apr. 1.}		{ BARLOW, WILLIAM HENRY, F.R.S. (Past-President.)	{ 2 Old Palace Yard, S.W. [Ingegnere, London.]
A. 1881 May 3.}	M. 1888 Mar. 6.}	BARNABY, SYDNEY WALKER ..	The Hollies, Chiswick Mall, W.
A. 1886 Apr. 6.}	M. 1889 Nov. 5.}	BARNES, JOHN FREDERICK EVELYN	{ Colonial Engineer's Office, Maritz- burg, Natal.
A. 1865 Feb. 7.}	M. 1877 May 29.}	BARNES, JOHN HICKMAN	30 Great George Street, S.W.
1879 Dec. 2.}		BARNETT, PATRICK MOIR	Berryden Ho., Aberdeen.
1890 Apr. 1.}		BARR, <i>Professor</i> ARCHIBALD, D.Sc.	University, Glasgow.
1882 Feb. 7.}		BARR, GEORGE MORRISON	Dunedin, Otago, N.Z.
A. 1874 Apr. 14.}	M. 1881 May 3.}	BARR, JAMES	132 West Regent Street, Glasgow.
1882 Feb. 7.}		BARR, THOMAS MORRISON	Caledonian Ry., Perth. [Rd., S.W.
1877 Apr. 10.}		BARRASS, SAMUEL	15 Carmalt Gds., Upper Richmond
1879 Dec. 2.}		{ BARRETO, ANTONIO PAULO DE MELLO	{ Rua Donna Luiza 17, Rio de Janeiro.
1872 Feb. 6.}		BARRINGTON, WILLIAM	The Ferns, Castleconnel, Limerick.
A. 1883 Jan. 9.}	M. 1891 Feb. 3.}	BARRINGTON, WILLIAM, Jun. ..	9 Hume Street, Dublin.
A. 1868 Apr. 7.}	M. 1878 Feb. 19.}	BARRON, FREDERICK CADOGAN ..	9 St. Mildred's Court, Poultry, E.C.
A. 1878 Feb. 5.}	M. 1883 May 29.}	BARRON, JAMES	7 Union Terrace, Aberdeen.
1868 Feb. 4.}		{ BARRY, JOHN WOLFE (Member of Council.)	{ 21 Delahay Street, Westminster, S.W. [3024.]
A. 1875 Apr. 6.}	M. 1878 Jan. 15.}	BARRY, PHILIP	Rosetta, Blackrock, Cork.
1858 Feb. 2.}		BARTHOLOMEW, WILLIAM HAMOND	Aire and Calder Office, Leeds.
A. 1881 Feb. 1.}	M. 1884 Mar. 4.}	BARTON, EDWARD GOLDING ..	{ Bengal & Nagpur Ry., Raghoonath- palie, Bengal.
1853 Mar. 1.}		BARTON, JAMES	Dundalk.
1881 Feb. 1.}		BARTON, JOHN GEORGE	Caledon, co. Tyrone.
1868 Apr. 7.}		BARTON, WALTHEW CLARENCE ..	46 Park Crescent, Brighton.
1878 Dec. 3.}		BAXTER, WILLIAM	Ashburton, Canterbury, N.Z.
1875 Feb. 2.}		BAYLEY, KENNETT	Gt. So. and W. Ry., Dublin.
1888 May 1.}		BAYLEY, RICHARD DANSEY	Wildersmouth, Wells Rd., Bath.
A. 1874 Dec. 1.}	M. 1882 Jan. 31.}	BAYNES, DONALD STUART	Forest Lodge, West Hill, Putney, S.W.
A. 1874 Jan. 13.}	M. 1879 Apr. 8.}	BAZALGETTE, EDWARD	{ London County Council, Spring Gardens, S.W.
1865 Feb. 7.}		BEATTIE, ALEXANDER	14 Ferryhill Place, Aberdeen.
A. 1875 Mar. 2.}	M. 1886 Feb. 16.}	BEAUMONT, WILLIAM WORBY ..	Melford, Palace Road, Tulse Hill, SW.
1860 Dec. 4.}		BEAZELEY, ALEXANDER	8 St. Paul's Rd., Thornton Heath.
1867 Feb. 5.}		BEAZELEY, MICHAEL	{ 9 Addison Mansions, Blythe Road, Kensington, W.
1882 Feb. 7.}		BEERE, DANIEL MANDERS	P.O. Box 345, Auckland, N.Z.

Date of Election and of Transfer.		MEMBERS.	
	1884 Apr. 1.	BEESLEY, FREDERICK	11 Victoria Street, S.W. [3090.]
	1883 Jan. 9.	BELK, WILLIAM	Port & Harbour Comm., Hartlepool.
A.	1881. Dec. 6.	BELL, ARTHUR WILBRAHAM DILLON	{ N. Z. Defences Office, Wellington, N. Z.
M.	1890. May 20.		
	1867 Apr. 2.	BELL, CHARLES NAPIER	Midland Ry., Greymouth, N.Z.
A.	1866 Feb. 6.	BELL, HENRY PURDON	Valdivia, Chili.
M.	1878 Dec. 3.		
A.	1867 Mar. 5.	BELL, HORACE	{ Consulting Eng. for Rys., Govt. of India, Calcutta.
M.	1872 Jan. 30.		
A.	1867 May 21.	BELL, IMRIE	204 St. Vincent Street, Glasgow.
M.	1868 Apr. 21.		
A.	1867 May 21.	BELL, Sir ISAAC LOWTHIAN, <i>Bart.</i> , F.R.S.	Rounton Grange, Northallerton.
M.	1873 Apr. 8.		
	1879 Dec. 2.	BELL, JAMES RICHARD	Grindlay, Groom & Co., Bombay.
	1888 Dec. 4.	BELL, JOHN MCKENZIE	P.W.D., St. Thomas' Mount, Madras.
	1869 May 4.	BELL, VALENTINE GRÆME	53 Cambridge Terrace, Hyde Pk., W.
	1863 Dec. 1.	BELL, WILLIAM	67 Tierney Rd., Streatham Hill.
	1885 May 5.	BELLAMY, GEORGE DAVID	Municipal Offices, Plymouth.
	1873 Apr. 1.	BELOE, CHARLES HENRY	"Lezayre," Sefton Pk., Liverpool.
	1871 Dec. 5.	BENEDICT, ERNEST	Alderton, Umballa, Punjab.
	1887 Dec. 6.	BENEST, EDWARD EVERETT	{ 3 Hollywood Vils., Melrose Rd., Southfields, S.W.
	1873 Mar. 4.	BENNETT JOHN	Ashcombe, Addlestone, Surrey.
	1883 May 29.	BENNETT, WILLIAM	Cheltondale, Cheltenham.
	1884 Dec. 2.	BERESFORD, JOHN STUART, M.E.	Irrigation Dept., Roorkee, India.
A.	1845 Apr. 1.	BERKLEY, GEORGE	57 Charing Cross, S.W.
M.	1854 Jan. 17.	(President.)	
A.	1880 Mar. 2.	BERKLEY, GEORGE, Jun.	57 Charing Cross, S.W.
M.	1891 Mar. 17.		
A.	1877 Apr. 10.	BERNAYS, JOSEPH	{ 96 Newgate Street, E.C. [Anybers, London.]
M.	1884 Apr. 1.		
A.	1873 Feb. 4.	BERRELL, WILLIAM	{ Thames Conservancy, 41 Trinity Square, E.C.
M.	1887 Feb. 22.		
	1885 May 19.	{ BERRIER-FONTAINE, JEAN-BAPTISTE LOUIS FÉLIX MARC	Directeur des Constructions Navales, Rocheport-sur-Mer, France. [Ber- rier, Rocheport-sur-Mer.]
A.	1865 Mar. 7.	BEST, STEPHEN CHARLES	{ 10 Victoria St., S.W. [Nomizo, London. 3095.]
M.	1879 Jan. 7.		
	1865 Mar. 7.	BEWICK, THOMAS JOHN	{ Suffolk Ho., Laurence Pountney Hill, E.C. [Bewick, London. 1853.]
	1882 Feb. 7.		
A.	1849 Mar. 6.	BEZZI, <i>Chev.</i> TOMASO GAUDENZIO	Ypiranga Wks., São Paulo, Brazil
M.	1877 Apr. 17.	BIDDELL, GEORGE ARTHUR	Bishop's Hill, Ipswich.
	1878 Mar. 5.	BIDDER, BARTHOLOMEW PARKER	Casilla 600, Valparaiso, Chili.
A.	1865 Feb. 7.	BINNIE, ALEXANDER RICHARDSON	14 Campden Hill Gardens, W.
M.	1873 May 20.		
A.	1870 Dec. 6.	BIRCH, ROBT. WILLIAM PEREGRINE	5 Queen Anne's Gate, S.W.
M.	1880 May 25.		
	1885 May 19.	BIRKBECK, MORRIS	The Elms, Betchworth, Surrey.
A.	1870 Dec. 6.	BISSET, JAMES	Claremont, Cape Town, C.C.
M.	1877 Oct. 30.		
	1878 Feb. 5.	BLACKETT, JOHN	{ c.o. Agent-General for New Zealand 13 Victoria Street, S.W.
A.	1845 June 24.	BLAKE, HENRY WOLLASTON, M.A., F.R.S.	8 Devonshire Place, Portland Pl., W.
M.	1879 Jan. 14.		
A.	1873 Mar. 4.	BLAKESLEY, THOMAS HOLMES, M.A.	21 Castletown Rd., Kensington, S.W.
M.	1885 Jan. 27.		
	1856 Mar. 4.	BLAKISTON, MATTHEW	Free Hills, Bursledon, Southampton.
	1878 Mar. 5.	BLOOD, BAGOT WILLIAM	{ 6 Claremont Villas, Glenageary, co. Dublin.
	1863 May 5.	BLOUNT, JOHN DARELL	Mapledurham, Reading.
	1877 Feb. 6.	BLYTH, BENJAMIN HALL, M.A. ..	17 Palmerston Pl., Edinburgh.

Date of Election and of Transfer.		MEMBERS.	
1874 May 12.		Bocquet, Roscoe, C.I.E.	.. .. A. E. Shaw, Central Station, Buenos
A. 1866 Apr. 10.}		BOHN, GEORGE	Imperial Chambers, Hull. [Ayres.
M. 1877 Nov. 13.}			
A. 1863 Apr. 14.}		BOLDEN, HENRY	
M. 1869 Nov. 30.}			
1891 Feb. 3.		BOLLER, ALFRED PANCOAST, M.A.	71 Broadway, New York, U.S.
1887 Feb. 1.		BOLTON, ALEXANDER JOSEPH	Calcutta.
1884 Dec. 2.		BOND, CHARLES JOHN	S. I. Ry., Trichinopoly, India.
1889 May 7.		BOND, GEORGE	Staveley Ironworks, nr. Chesterfield.
1887 Jan. 11.		BONE, CHARLES CHRISTISON	23 Miller St., Glasgow.
A. 1876 May 2.}		BOOTH, ROBERT BELL	Rajkote, Kathiawad, India.
M. 1878 Dec. 31.}			
1878 May 7.		BOSTOCK, JOHN HENRY	The Limes, Horsham.
1880 Feb. 3.		BOTHAMS, JOHN CHAMPNEY	Salisbury.
A. 1874 Feb. 3.}		BOULNOIS, HENRY PERCY	City Engineer, Liverpool.
M. 1878 Apr. 16.}			
A. 1877 Apr. 10.}		BOULTON, WILLIAM	Town Surveyor, Aberdeen.
M. 1883 Apr. 10.}			
A. 1870 Dec. 6.}		BOURNE, JOSEPH	Standfield, Great Crosby, Liverpool.
M. 1883 Feb. 6.}			
1880 Dec. 7.		BOUSCAREN, LOUIS FRED. GUSTAVE	99 West Fourth St., Cincinnati, U.S.
A. 1876 Dec. 5.}		BOVEY, HENRY TAYLOR, M.A. ..	McGill University, Montreal, Canada.
M. 1886 May 18.}			
A. 1876 Apr. 4.}		BOWSTEAD, CHARLES JAMES	Riding Mill, Northumberland.
M. 1881 Feb. 22.}			
1881 Dec. 6.		BOYD, ROBERT NELSON	23 Queen Anne's Gate, S.W.
A. 1854 Jan. 10.}		BOYLE, RICHARD VICARS, C.S.I. ..	
M. 1860 Feb. 14.}			
1868 May 5.		BRADY, FRANCIS	S. E. Ry., London Bridge, S.E.
A. 1875 Dec. 7.}		BRADY, JOSEPH	{ Harbour Trust, Melbourne, Victoria.
M. 1878 Dec. 3.}			
1885 May 5.		BRADY, JOSEPH HENRY	{ P. W. D., Bridgetown, Barbados.
			{ Pendlebury Collieries, near Manchester.
1877 May 1.		BRAMALL, HENRY	
A. 1856 May 6.}		BRAMWELL, Sir FREDK. JOS.,	5 Great George Street, S.W. [Well-
M. 1862 Mar. 4.}		Barlt., D.C.L., F.R.S. (Past-President)	bram, London. 3060.]
1891 Feb. 3.		BREBNER, ALEXANDER	Dock Works, Rio de Janeiro.
A. 1876 Feb. 1.}		BRENTNALL, WILLIAM	Tunbridge Wells.
M. 1883 May 29.}			
1880 Feb. 3.		BRERETON, CUTHBERT ARTHUR ..	21 Delahay St., Westminster, S.W.
1865 Jan. 10.		BRERETON, ROBERT MAITLAND ..	Forest Grove, Oregon, U.S.
1860 Jan. 10.		BRERETON, ROBERT PEARSON ..	21 Delahay St., Westminster, S.W.
A. 1878 Mar. 5.}		BRETLAND, JOSIAH CORBETT ..	City Surveyor, Belfast.
M. 1885 Feb. 3.}			
A. 1865 Dec. 5.}		BRIERLEY, JOSEPH	Blackburn.
M. 1872 Feb. 13.}			
A. 1881 Mar. 1.}		BRIGGS, JAMES	Midland Railway, Derby.
M. 1891 Apr. 21.}			
1874 Mar. 3.		BRIND, ALFRED WALTER	6 Lennard Rd., Folkestone.
A. 1874 May 5.}		BRITTLE, JOHN RICHARD, F.R.S.E.,	{ Farad Villa, Vanbrugh Hill, Black-
M. 1886 Mar. 1.}		Wh. Sc.	{ heath, S.E.
1868 Dec. 1.		BROADRICK, GEORGE, F.R.S.E. ..	Hampall Stubs, Doncaster.
A. 1865 Feb. 7.}		BROCK, WALTER	Messrs. Denny Brothers, Dumbarton.
M. 1877 Mar. 13.}			
A. 1871 May 23.}		BROMLEY, WALTER BRANDRETH ..	{ Crofton House, Lampton Road,
M. 1889 Nov. 26.}			{ Hounslow.
A. 1883 Jan. 9.}		BROOKHOUSE, ROBERT HAROLD ..	{ F. C. Central, Rosario de Santa Fé,
M. 1889 Nov. 15.}			{ Argentine Republic.
A. 1868 May 5.}		BROTHERHOOD, PETER	{ Belvedere Road, Lambeth, S.E.
M. 1879 Feb. 4.}			{ [Brotherhood, London.]
1870 Mar. 1.		BROTHERS, HORATIO	The Elms, Putney Hill, S.W.
A. 1876 Jan. 11.}		BROUNGER, RICHARD ERNEST ..	Bloemfontein, Orange Free State.
M. 1885 May 12.}			

Date of Election
and of Transfer.

MEMBERS.

A. 1847 May 4.}	BROUNGER, WILLIAM GEORGE ..	Pulteney, Austin Road, Guildford.
M. 1864 Nov. 29.}		
1890 Feb. 4.}	BROWN, ANDREW	London Works, Renfrew.
A. 1881 May 31.}	BROWN, ARTHUR	Guildhall, Nottingham.
M. 1885 Nov. 10.}		
A. 1879. Dec. 2.}	BROWN, JAMES SAMUEL	North Western Ry., Lahore, Punjab.
M. 1890. May 20.}		
A. 1873 Dec. 2.}	BROWN, JOHN	Cape Government Railways, C.C.
M. 1882 Feb. 7.}		
A. 1874 Mar. 3.}	BROWN, OSWALD	{ 32 Victoria Street, S.W. [Acqua,
M. 1880 May 25.}		{ London. 3086.]
A. 1864 Mar. 1.}	BROWN, SAMUEL	Surveyor General, Hong Kong.
M. 1869 Mar. 9.}		{ Guildhall Chams., Cardiff. [Mining,
1868 Dec. 1.}	BROWN, THOMAS FORSTER	{ Cardiff.]
A. 1864 Dec. 6.}	BROWNE, <i>Sir</i> BENJAMIN CHAPMAN	{ Hawthorn's Engine Works, New-
M. 1871 Mar. 7.}		{ castle-on-Tyne.
1850 Apr. 2.}	BRUCE, <i>Sir</i> GEORGE BARCLAY ..	3 Victoria Street, S.W. [Brentesia,
	(<i>Past-President.</i>)	London.]
1876 Mar. 7.}	BRUCE, WILLIAM DUFF	23 Roland Gds., So. Kensington, S.W.
A. 1873 Mar. 6.}	BRUFF, PETER JOHN	Christiania, Norway.
M. 1876 Nov. 21.}		
A. 1840 May 19.}	BRUFF, PETER SCHUYLER	Handford Lodge, Ipswich.
M. 1856 Apr. 8.}		
1869 May 4.}	BRUNDELL, BENJAMIN SHAW ..	1 Prince's Street, Doncaster.
1877 Mar. 6.}	BRUNEL, HENRY MARC	21 Delahay St., West'r, S.W. [3024.]
1852 Dec. 7.}	BRUNLEES, <i>Sir</i> JAMES, F.R.S.E.	12 Victoria Street, S.W.
	(<i>Past-President.</i>)	
A. 1875 Dec. 7.}	BRUNLEES, JOHN	12 Victoria Street, S.W.
M. 1878 May 14.}		
1884 May 27.}	BRUNTON, DAVID WILLIAM	Aspen, Colo., U.S.
1862 Dec. 2.}	BRUNTON, GEORGE	Cochin, Malabar Coast, India.
A. 1857 Feb. 3.}	BRUNTON, JOHN	16 Croom's Hill, Greenwich, S.E.
M. 1857 Apr. 21.}		
A. 1868 Apr. 7.}	BRUNTON, RICHARD HENRY	{ Noni Lodge, Gipsy Rd., West Nor-
M. 1873 May 13.}		{ wood, S.E.
A. 1875 Mar. 2.}	BRYAN, WILLIAM BOOTH	{ East London Waterworks, Lea Bridge,
M. 1879 Mar. 4.}		{ N.E. [Engineer, Waterworks,
		{ Clapton.]
1878 Feb. 5.}	BUCHANAN, ALEXANDER	Messrs. Handyside & Co., Derby.
1870 May. 24.}	BUCHANAN, GEORGE	{ Chignecto Ship Ry., Amherst, Nova
A. 1857 May 5.}		{ Scotia.
M. 1885 Mar. 31.}	BUCHANAN, GEORGE	25 Bucklersbury, E.C.
1891 Jan. 13.}	BUCHANAN, WILLIAM	Grand Central Station, New York,
1869 Feb. 2.}	BUCK, JOSEPH HAYWOOD WATSON	L. & N. W. Ry., Crewe. [U.S.]
A. 1871 Apr. 4.}	BUCKHAM, EDWARD	Town Hall, Ipswich.
M. 1887 Jan. 25.}		
A. 1873 Dec. 2.}	BUCKLEY, ROBERT BURTON, Wh.Sc.	
M. 1880 Nov. 2.}		
1879 Apr. 1.}	BUDGE, ENRIQUE	Valparaiso, Chili.
1888 Dec. 4.}	BUDGE, OLIVER	{ East Argentine Ry., Concordia,
A. 1873 May 6.}		{ Argentine Republic.
M. 1879 Nov. 4.}	BULKLEY, THOMAS ALFRED	Byculla Club, Bombay.
1881 May 31.}	BULL, CHARLES ALBERT	H. S. King & Co., 45 Pall Mall, S.W.
A. 1875 Dec. 7.}	BULMER, PHILIP	Mains House, Chester-le-Street.
M. 1889 Apr. 16.}		
A. 1866 Mar. 6.}	BURGE, CHARLES ORMSBY	Railway Dept., Sydney, N.S.W.
M. 1878 Apr. 9.}		
A. 1871 May 23.}	BURKE, CHARLES TOLER	Grindlay's, 55 Parliament St., S.W.
M. 1883 May 1.}		
A. 1872 Dec. 3.}	BURKE, GEORGE JOHN	{ Prells Buildings, Collins & Queen
M. 1883 Mar. 20.}		{ Streets, Melbourne, Victoria.
1887 Dec. 6.}	BURKE, JAMES MARLOW	G. S. & W. Ry., Inchicore, Dublin.

Date of Election and of Transfer.		MEMBERS.	
A. 1866 Feb. 6.	}	BURNETT, ROBERT HARVEY	Gorton Foundry, Manchester.
M. 1871 May 2.		BURNS, JEROME	{Hornby St., Windsor, Melbourne, Victoria.
A. 1884 Feb. 5.	}	BURR, WILLIAM HENRY	Mérida Ry., Maracaibo, Venezuela.
M. 1889 Mar. 12.			
A. 1876 May 2.	}	BURSTAL, EDWARD KYNASTON ..	38 Parliament Street, S.W.
M. 1881 Jan. 11.			
1874 May 12.	}	BUSH, GEORGE	34 Cleveland Square, Hyde Park, W.
1854 Mar. 7.		BUTLER, RICHARD	Ballycarron, Golden, Ireland.
1875 Dec. 7.	}	BUTLER, WALTER	Witham, Essex.
1881 Apr. 5.		BUTTER, HENRY JOSEPH	Claremont, Burrage Rd., Plumstead.
1864 Feb. 2.	}	BUTTERTON, WILLIAM	62 South Lambeth Road, S.W.
A. 1885 Apr. 14.			
M. 1888 Dec. 11.	}	BUTTERTON, WILLIAM, Jun. ...	Govt. Rys., Durban, Natal.
1881 Dec. 6.		BUYERS, JOHN WALKER, C.I.E., M.A.	H. S. King & Co., 45 Pall Mall, S.W.
1888 Dec. 4.	}	BUYERS, WILLIAM LIND	Chittur, Madras.
A. 1882 Dec. 5.	}	CAIRNS, ANDREW DUNCAN	Tyne Pier Works, Tynemouth.
M. 1887 Mar. 15.			
1881 Dec. 6.	}	CAMERON, EDWARD ALEXANDER ..	Aberdeen House, Preston, Brighton.
1879 May 27.		CAMPBELL, DAVID WILKINSON, C.I.E.	E. I. Ry., Jumalpoore, India.
A. 1868 Dec. 1.	}	CAMPBELL, THOMAS PROCTER ..	E. I. Ry., Rampur Hât, Bengal.
M. 1889 Apr. 30.			
A. 1872 Dec. 3.	}	CAMPION, JOHN MONTRIOU	Umballa, India.
M. 1885 Feb. 24.			
1876 Feb. 1.	}	CANNING, Sir SAMUEL	3 Gt. Winchester St. Buildings, E.C.
A. 1879 Feb. 4.		CANTOPHER, BERNARD WILLIAM ..	W. Watson & Co., Bombay.
M. 1889 Nov. 15.	}		
A. 1863 Dec. 1.		CARBUTT, EDWARD HAMER	19 Hyde Park Gardens, W.
M. 1888 Apr. 17.	}		
A. 1877 Dec. 4.		CAREY, ALFRED EDWARD	{2 Dean's Yard, Westminster, S.W. [Foreshore, London.]
M. 1884 Dec. 23.	}		
A. 1870 Apr. 5.		CARGILL, THOMAS, B.A.	Kwâla Lumpor, Selangor, S.S.
M. 1877 Nov. 27.	}		
A. 1886 May 18.		CARLETON, HENRY RICHARD, B.E.	{Harbours & Rivers Dept., Sydney, N.S.W.
M. 1891 Jan. 6.	}	CARLILE, HUGH	Dunaburg-Witepsk Ry., Riga.
1866 Mar. 6.		CAROLIN, EDWARD RICHARD ..	{District Eng., Govt. Railways, Cape Town, C.C.
A. 1883 Dec. 4.	}		
M. 1888 Feb. 14.			
A. 1875 May 4.	}	CARR, MARK WILLIAM	5 Tavistock Square, W.C.
M. 1884 Mar. 4.			
1875 Mar. 2.	}	CARR, ROBERT	109 Leadenhall Street, E.C.
A. 1870 May 3.		CARRINGTON, THOMAS	Endcliffe Court, Sheffield.
M. 1878 Jan. 15.	}		
A. 1875 Dec. 7.		CARRINGTON, WILLIAM THOS. HENNEY	72 Mark Lane, E.C.
M. 1881 Nov. 29.	}		
A. 1869 May 11.		CARROLL, EDWARD BROTHERTON ..	Malabar Hill, Bombay.
M. 1877 Jan. 23.	}		
A. 1866 Jan. 9.		CARRUTHERS, JOHN	19 Kensington Park Gardens, W.
M. 1871 May 16.	}		
1876 Dec. 5.		CARSON, WILLIAM	Wallasey, Birkenhead.
1880 Jan. 13.	}	CARTER, HENRY ROBERT PASLEY	Madras Railway, Madras.
A. 1876 Feb. 1.			
M. 1887 Jan. 25.	}	CARTER, WILLIAM ALLAN	5 St. Andrew Square, Edinburgh.
A. 1878 Feb. 5.			
M. 1884 Mar. 18.	}	CARTWRIGHT, GEORGE	M. S. & L. Ry., Grimsby Docks.
A. 1875 Dec. 7.			
M. 1885 Jan. 20.	}	CARTWRIGHT, JOSHUA	Borough Surveyor, Bury, Lanes.
A. 1872 Apr. 9.			
M. 1891 Apr. 7.	}	CASH, JOSEPH	Gas Co., Hove, Brighton.
1868 Dec. 1.		CATO, ALEXANDER	St. Macaire, Gironde, France.
A. 1879 Mar. 4.	}	CAULFEILD, FRANCIS JOHN ROTHIE	} State Engineer, Perak, S.S.
M. 1887 May 24.		TOBY ST. GEORGE	

Date of Election and of Transfer.	MEMBERS.	
A. 1864 Mar. 1. M. 1872 Apr. 16. A. 1882 Dec. 5. M. 1890 Nov. 25.	CAY, WILLIAM DYCE, F.R.S.E. ..	107 Princes Street, Edinburgh.
A. 1878 May 7. M. 1884 Nov. 4. A. 1877 May 29. M. 1889 May 14.	CHABREL, MARCELIN JOHN, B.E.	Mymensing S. Ry., Dacca, Bengal.
1883 Jan. 9. A. 1879 Dec. 2. M. 1884 Jan. 22.	CHADWICK, GEORGE BURTON ..	{ Watson & Swaine, 5 Copthall Buildings, E.C.
A. 1875 Mar. 2. M. 1878 Jan. 15. A. 1872 Feb. 6. M. 1879 Jan. 14.	CHAMBERLAIN, HUMPHREY	Central Uruguay Ry., Monte Video.
A. 1879 Dec. 2. M. 1884 Jan. 22.	CHAMBERS, JOHN	I. M. Customs, Tientsin, China.
A. 1875 Mar. 2. M. 1878 Jan. 15.	CHAMIER, GEORGE	{ 39 Queensland Offices, Bridge St., Sydney, N.S.W.
A. 1872 Feb. 6. M. 1879 Jan. 14.	CHAPMAN, ALFRED	{ Fawcett, Preston & Co., Liverpool, and 25 Austinfriars, E.C.
A. 1875 Mar. 2. M. 1878 Jan. 15.	CHAPMAN, HENRY	{ 69 Victoria Street, S.W. [Tubalcain, London.]
1864 Jan. 12. 1885 Mar. 3. 1857 Feb. 3.	CHAPMAN, JAMES GREGSON .. .	{ 25 Austinfriars, E.C., and Fawcett, Preston, & Co., Liverpool.
1883 Feb. 6. A. 1879 Feb. 4. M. 1883 Nov. 27.	CHAPMAN, ROBERT	G. W. Ry., Shrewsbury.
A. 1886 Feb. 2. M. 1891 May 12.	CHAPMAN, THOMAS	Calle Piedad 1129, Buenos Ayres.
1880 May 25. 1887 Feb. 1. A. 1847 Mar. 2. M. 1873 Dec. 23.	CHAPPE (DE LEONVAL), THOMAS FLETCHER	{ 29 Stanley Gardens, Kensington, W.
A. 1871 May 23. M. 1877 Nov. 27.	CHATTERJEE, KHETTER NAUTH ..	Ex. Eng., Khidderpore, Calcutta.
1875 Feb. 2. A. 1858 Feb. 2. M. 1880 Jan. 13.	CHATTERTON, GEORGE, M.A. ..	46 Queen Anne's Gate, S.W.
1884 Feb. 5. A. 1854 Feb. 7. M. 1863 Jan. 27.	CHEESEWRIGHT, FREDERICK HENRY	60 Haymarket, S.W.
A. 1850 Dec. 3. M. 1855 Apr. 3.	CHORLTON, JOHN SAMUEL	The Rookery, Chatburn, Clitheroe.
1879 Dec. 2.	CHRISTIE, WILLIAM BUCHAN ..	P.W.D., Hazaribagh, Bengal.
A. 1858 Apr. 13. M. 1861 Nov. 19.	CHRISTY, FREDERICK COLLIER ..	{ St. Cyr, William St., South Yarra, Melbourne, Victoria.
A. 1867 Apr. 2. M. 1880 May 25.	CHURCH, JABEZ	55 Parliament Street, S.W.
1874 May 5. 1866 May 15. 1884 Jan. 8. 1889 Feb. 5.	CHURCH, RICHARD FREDERICK ..	20 Victoria Street, S.W. [3143.]
1887 Dec. 6.	CHURCHILL, JOHN FLEMING ..	{ Rockland, Valley Road, Streatham, S.W.
A. 1874 Apr. 14. M. 1880 Apr. 20.	CISNEROS, FRANCISCO JAVIER ..	Barranquilla, U.S. of Colombia.
1871 May 2. A. 1875 Dec. 7. M. 1888 Mar. 13.	CLARK, DANIEL KINNEAR	8 Buckingham Street, Adelphi, W.C.
A. 1877 Jan. 16. M. 1890 May 6.	CLARK, EDWIN	Cromwell Ho., Gt. Marlow.
1883 Feb. 6. A. 1855 Dec. 4. M. 1879 Feb. 25.	CLARK, GEORGE RICHARD	{ c.o. Chartered Bank of India, Aus- tralia and China, Hatton Ct., E.C.
1883 May 1.	CLARK, JOSIAH LATIMER, F.R.S. ..	{ 11 Victoria Street, S.W. [Regency, London. 3082.]
	CLARKE, THOMAS CHARLES	
	CLARKE, THOMAS CURTIS	1 Broadway, New York. U.S.
	CLARKE, WILLIAM	45 Parliament Street, S.W.
	CLAYTON, THOMAS GETHING ..	Midland Ry., Derby.
	CLAYTON, WILLIAM WIKELEY ..	Railway Foundry, Leeds.
	CLEMENT, LEWIS METZLER	{ 1013 Central Avenue, Oakland, Cali- fornia, U.S.
	CLEMINSON, JAMES	{ 9 New Broad Street, E.C. [Cata- marca, London.]
	CLERKE, WILLIAM JOHN BIRD, B.A.	Mulabar Hill, Bombay.
	COATES, JOHN	{ 8 Collins Street East, Melbourne, Victoria.
	COBLEY, WALTER HENRY	Govt. Rys., Ladysmith, Natal.
	COCHRANE, CHARLES STYLE	Port of Spain, Trinidad.
	COCHRANE, JOHN	5 Victoria St., S.W. [3195.]
	COCHRANE, WILLIAM	{ Oakfield Ho., Gosforth, N'castle-on- Tyne.

Date of Election and of Transfer.		MEMBERS.	
A. 1866 Feb. 6.}	M. 1872 Jan. 23.}	CODRINGTON, THOMAS	Local Govt. Board, Whitehall.
1891 Mar. 3.}		{ COLEBROOK, HENRY WILLIAM VAUGHAN }	H. S. King & Co., 45 Pall Mall, S.W.
A. 1877 Dec. 4.}	M. 1890 Dec. 16.}	COLES, HENRY JAMES	89 Sumner Street, Southwark, S.E.
1886 Mar. 2.}		COLLARD, ROBERT	J.G.Chapman. 25 Austin Friars, E.C.
1881 Feb. 1.}		COLLINGWOOD, FRANCIS	Elizabeth, New Jersey, U.S.
1882 Dec. 5.}		COLLISTER, JOHN GEORGE HENRY	G. I. P. Ry., Bombay.
A. 1876 Mar. 7.}	M. 1889 Apr. 9.}	COLSON, ALFRED	Gas Offices, Leicester.
A. 1871 Feb. 7.}	M. 1884 Mar. 11.}	COLSON, CHARLES	Union Club, Valetta, Malta.
A. 1870 May 24.}	M. 1877 Mar. 27.}	COLYER, FREDERICK	18 Great George Street, S.W.
A. 1884 May 6.}	M. 1891 Mar. 24.}	CONNAL, EBEN	49 Kerrsland Ter., Hillhead, Glasgow.
1849 Mar. 6.}		COODE, Sir JOHN, K.C.M.G. ..	9 Victoria Street, S.W.
A. 1870 Dec. 6.}	M. 1883 Mar. 13.}	(Past-President.) COODE, JOHN CHARLES	9 Victoria Street, S.W.
1887 Dec. 6.}		COOK, GEORGE LESLIE	P.W.D., Dunedin, Otago, N.Z.
1867 Dec. 3.}		COOPER, EDMUND	Wallington Lodge, Carshalton.
1885 Feb. 3.}		COOPER, FREDERICK EASTMENT ..	11 Victoria Street, SW.
A. 1871 May 2.}	M. 1877 Oct. 30.}	COOPER, GEORGE	Pencliffe, Alleyn Rd., West Dulwich.
A. 1870 May 3.}	M. 1876 Jan. 11.}	COOPER, ROBERT ELLIOTT	8 The Sanctuary, S.W. [land, Glasg.]
1876 Mar. 7.}		COPLAND, WILLIAM ROBERTSON ..	146 W. Regent St., Glasgow. [Cop-
A. 1875 Jan. 12.}	M. 1880 Feb. 24.}	COPPERTHWAIT, HAROLD	{ North Eastern Ry., York. [Copper- thwaite, York.]
1880 May 25.}		CORDNER, ROBERT ALLEN	King, King & Co., Bombay.
1881 Feb. 1.}		CORNISH, JOSIAH EASTON, C.M.G.	Alexandria Water Co., Egypt.
1884 Dec. 2.}		CORTHELL, ELMER LAURENCE, M.A.	205 La Salle St., Chicago, Ill., U.S.
A. 1881 May 31.}	M. 1889 Dec. 3.}	COTTON, CHARLES OSWELL	{ Stanhope House, Avenue Road, Abergavenny.
A. 1861 May 7.}	M. 1864 Mar. 22.}	COTTON, CHARLES PHILIP	{ Local Govt. Board, Custom House, Dublin.
A. 1874. Jan. 13.}	M. 1890. May 6.}	COTTON, WILLIAM GORDON LYNCH	Grindlay & Co., Calcutta.
A. 1876 May 30.}	M. 1889 Nov. 26.}	COURTNEY, FRANK STUART	76 Redcliffe Square, S.W.
1879 Feb. 4.}		COUSINS, EDWARD	9 Bridge St., Westminster, S.W.
1885 Apr. 14.}		COVENTRY, WALTER BULKELEY ..	Burgate Ho., Fordingbridge, Salis-
1888 Dec. 4.}		COWAN, DAVID	Carron Co., Falkirk, N.B. [bury.
1883 Mar. 6.}		COWAN, McTAGGART	109 Bath St., Glasgow.
A. 1852 Jan. 13.}	M. 1860 Feb. 28.}	COWPER, EDWARD ALFRED	{ 6 Great George Street, S.W.
		(Member of Council.)	
A. 1880 Dec. 7.}	M. 1889 Dec. 3.}	COX, JOHN HENRY	30 Merton Road, Bradford.
1882 Dec. 5.}		COYLE, JAS. EDMUND FITZGERALD	{ 31 Norwich Chambers, Hunter St., Sydney, N.S.W.
A. 1875 April 6.}	M. 1883 May 1.}	CRABTREE, WILLIAM	Boro' Engineer, Southport, Lanc.
A. 1866 Mar. 6.}	M. 1886 Mar. 30.}	CRACKNELL, EDWARD CHARLES ..	Supt. of Telegraphs, Sydney, N.S.W.
1868 Feb. 4.}		CRAIG, JAMES	{ The Hermitage, Lamanda Park, Los Angeles Co., Cal., U.S.
1883 Apr. 3.}		CRAIG, JAMES	Amraoti Camp, India.
A. 1880 May 4.}	M. 1883 Nov. 6.}	CRAIG, JOHN, B.A.	Queenstown, C.C.
A. 1861 Apr. 9.}	M. 1879 Nov. 11.}	CRAWFORD, Professor ROBERT, M.A.	Stonewold, Ballyshannon, Ireland.
A. 1877 Feb. 6.}	M. 1883 May 29.}	CRAWFURD, JOHN BRUCE	{ Mercantile Dry Dock Co., Jarrow- on-Tyne.

Date of Election and of Transfer.		MEMBERS.	
A. 1872 May 7.	7.	CREGEEN, ARCHIBALD CRELLIN ..	Grindlay's, 55 Parliament St., S.W.
M. 1881 Dec. 6.	6.	CRESSWELL, MARSHAL	P.W. Office, Hobart, Tasmania.
A. 1879 Feb. 4.	4.	CRESWELL, ROBERT EDWARD ..	Te Horo, Wellington, N.Z.
M. 1884 Dec. 23.	23.	CRICHTON, ROBERT	L. & N. W. Ry., Lancaster.
1891 Feb. 3.	3.	CRIGHTON, CHARLES EDWIN ..	Ravenslea, Kimbolton Rd., Bedford.
A. 1879 May 6.	6.	CRIMP, WILLIAM SANTO	{ London County Council, Spring Gardens, S.W.
M. 1891 Jan. 13.	13.	CROES, JOHN JAMES ROBERTSON ..	13 William St., New York, U.S.
1882 Mar. 7.	7.	CROMPTON, ROOKES EVELYN BELL	Mansion House Buildings, E.C.
1886 May 18.	18.	CROSS, JAMES	Eirianfa, Llangollen.
1865 Dec. 5.	5.	CROSS, WILLIAM	{ Hawthorn's Works, Newcastle-on- Tyne [Cross, Newcastle-on-Tyne.]
A. 1886 Feb. 2.	2.	CROSTHWAIT, THOMAS PHILIP	{ 1 Clare View, Limerick. 175 Hope Street, Glasgow. [Crouch, Glasgow.]
M. 1891 Jan. 13.	13.	SHERARD, B.A.	
A. 1868 Jan. 14.	14.	CROUCH, WILLIAM	King, King & Co., Bombay.
M. 1887 Dec. 13.	13.	CROUDACE, CHARLES HUTTON ..	Shire Hall, Durham.
1871 Feb. 7.	7.	CROZIER, WILLIAM	Resident Eng., Tower Bridge, E.
A. 1868 Apr. 7.	7.	CRUTTWELL, GEORGE EDWD. WILSON	Upperthorpe, Darlington.
M. 1879 Jan. 7.	7.	CUDWORTH, WILLIAM	{ 31 Temple Court, Collins St. W., Melbourne, Victoria.
1867 Feb. 5.	5.	CULCHETH, WILLIAM WOOD	36 College St., Toronto, Canada.
A. 1883 Feb. 6.	6.	CUNNINGHAM, GRANVILLE CARLYLE	Harbour Chambers, Dundee.
M. 1888 Mar. 13.	13.	CUNNINGHAM, DAVID, F.R.S.E. ..	{ CUNNINGHAM, GEORGE MILLER, F.R.S.E.
1860 May 1.	1.		135 George Street, Edinburgh.
1880 Dec. 7.	7.	CURREY, ELIOTT SCARLETT	Erlwood, Bagshot.
1878 Dec. 3.	3.	CURRY, MATTHEW	{ North Eastern Ry., Monte Caseros Corrientes, Argentine Republic.
1876 Feb. 1.	1.	CURRY, THOMAS ELMITT	{ N. W. Ry., Bolan District, <i>via</i> Quetta, India.
1881 Dec. 6.	6.	CUTHBERT, EDWIN	Drainage Board, Christchurch, N.Z.
A. 1868 Dec. 1.	1.		{ Rock Mount, Aigburth, Liverpool. [Daglish, Aigburth, Liverpool.]
M. 1873 Apr. 1.	1.	DAGLISH, GEORGE HEATON	Marsden, South Shields.
A. 1877 Dec. 4.	4.	DAGLISH, JOHN	Hong Kong.
M. 1886 Jan. 19.	19.	DANBY, WILLIAM	40 Central Hill, Upper Norwood, S.E.
1891 Apr. 7.	7.	DANGERFIELD, EDWARD	King, King & Co., Bombay.
1883 Apr. 3.	3.	DANGERFIELD, PAUL WILLIAM ..	{ Harbours & Rivers Dept., Sydney, N.S.W.
1876 May 2.	2.	DARLEY, CECIL WEST	Lakeview, Ballinrobe, co. Mayo.
1867 May 21.	21.	DARLEY, GEORGE JOHNSTONE ..	Halifax Street, Nelson, N.Z.
1881 May 31.	31.	DARTNALL, WILLIAM WHITNEY ..	3 Princes St., Westminster, S.W.
1871 Mar. 7.	7.	DAVEY, HENRY	W. Watson & Co., Bombay.
1885 Feb. 3.	3.	DAVIDSON, ALFRED	13 Fairlawn Avenue, Acton Green, W.
A. 1873 Dec. 2.	2.	DAVIDSON, JAMES YOUNG	{ St. Anne's Chambers, St. Peter's Close, Sheffield.
M. 1879 Jan. 7.	7.	DAVIDSON, ROBERT	P.W.D., Melbourne, Victoria.
1864 Feb. 2.	2.	DAVIDSON, WILLIAM	W. M. & C. Q. Ry., Wrexham.
1883 Dec. 4.	4.	DAVIES, WILLIAM	5 Highbury Grove, N. [don.]
A. 1877 Feb. 6.	6.	DAVIS, HENRY WHEELER	110 Cannon St., E.C. [Faith, Lon- don.]
M. 1878 May 21.	21.	DAVIS, JOHN HENRY	240 Calle San Martin, Buenos Ayres.
A. 1876 Apr. 4.	4.	DAWNEY, CHARLES	North Staffs. Ry., Stoke-on-Trent.
M. 1889 Feb. 19.	19.	DAWSON, GEORGE JAMES CROSBIE	36 Dan Lane, Atherton, Manchester.
1884 May 6.	6.	DAWSON, JOSEPH	
A. 1876 Dec. 5.	5.		
M. 1885 Dec. 1.	1.		
1888 Dec. 4.	4.		
1884 May 6.	6.		
1866 May 15.	15.		
1882 Mar. 7.	7.		
1885 May 5.	5.		
A. 1866 Dec. 4.	4.		
M. 1872 Mar. 26.	26.		
A. 1877 May 29.	29.		
M. 1880 Feb. 10.	10.		

Date of Election and of Transfer.		MEMBERS.	
A. 1878 Feb. 5.	M. 1884 Jan. 8.	DAWSON, WILLIAM ALFRED	21 Delahay St., Westminster, S.W.
1883 Mar. 6.	1871 Jan. 10.	DAY, ARTHUR JAMES	Northam Iron Wks., Southampton.
A. 1872 Dec. 3.	M. 1874 Jan. 6.	DAY, JAMES EDWARD	Rev. M. Day, Killiney, nr. Dublin.
A. 1877 Mar. 6.	M. 1878 Jan. 15.	DEACON, GEORGE FREDERICK ..	32 Victoria Street, S.W. [3086.]
A. 1874 May 5.	M. 1886 May 11.	DEAN, WILLIAM	G. W. Ry., Swindon.
A. 1866 Mar. 6.	M. 1870 Mar. 15.	DEANE, HENRY, M.A.	Ry. Dept., Sydney, N.S.W.
1868 Feb. 4.	1889 Mar. 5.	DEMPSEY, WILLIAM	18 Beauchamp Avenue, Leamington.
1877 Apr. 10.	1868 Apr. 7.	DENHAM, CHARLES HENRY	Taljeriah, Festing Road, Southsea.
1863 Apr. 14.	1877 Apr. 10.	DENNISON, GAVIN HADDEN	1 Lomond Rd., Edge Lane, L'pool.
A. 1842 Apr. 5.	M. 1860 Jan. 24.	DENNY, PETER, F.R.S.E.	{Dumbarton, N.B. [Denny, Dum- barton. 1885, London.]
A. 1881 May 31.	M. 1889 Nov. 15.	DENNYS, FRANCIS JELLANUS ..	Morghew, Tenterden, Kent.
A. 1865 Dec. 5.	M. 1878 May 28.	DENT, WILLIAM DENT, M.A. ..	{24 Devonshire Rd., Princes Pk., Liverpool.
1878 May 7.	A. 1877 Feb. 6.	DENTON, JOHN BAILEY	9 Bridge St., Westminster, S.W.
A. 1877 Feb. 6.	M. 1881 Nov. 15.	DEPREE, CHARLES LAMBERT ..	3 Morley Road, Southport, Lanes.
1887 May 24.	1887 May 24.	DERRY, JOHN DICKSON	Horsham, Victoria.
1860 Apr. 3.	1860 Apr. 3.	DIBBIN, HENRY ARTHUR	{1 Windsor Rd., Levenshulme, Man- chester.
1880 Apr. 6.	1891 May 12.	DICK, GAVIN GEMMELL	{Queensland Off., 1 Victoria Street, S.W.
1891 May 12.	A. 1878 Feb. 5.	DICKEY, JAMES ALEXANDER ..	Amherst, Nova Scotia.
A. 1878 Feb. 5.	M. 1882 Nov. 27.	DICKINSON, JAMES AUSTEN ..	Dungannon, Co. Tyrone.
1882 Mar. 7.	1882 Mar. 7.	DILLON, JAMES	36 Dawson Street, Dublin.
A. 1842 Mar. 1.	M. 1881 Mar. 29.	DIXON, FREDERICK PARKER ..	Halton Hill, Runcorn.
A. 1873 Feb. 4.	M. 1880 Dec. 14.	DIXON, WAYNMAN	{Cleveland Dockyd., Middlesbro'-on- Tees. [Dixon, Middlesbrough.]
A. 1854 Apr. 4.	M. 1873 Apr. 1.	DOBSON, ARTHUR DUDLEY ..	Harbour, Warrnambool, Victoria.
A. 1881 Apr. 5.	M. 1890 Feb. 18.	DOBSON, EDWARD	Hereford St., Christchurch, N.Z.
1884 Dec. 2.	A. 1882 Feb. 7.	DOBSON, JAMES MURRAY	{Buenos Ayres, & 33 Great George Street, S.W.
A. 1882 Feb. 7.	M. 1891 Apr. 7.	DODDS, THOMAS WEATHERBURN ..	East View, Parker's Rd., Sheffield.
A. 1875 Dec. 7.	M. 1877 Dec. 4.	DODWELL, CHARLES EDWARDS WIL- LOUGHEY, B.A.	{52 Imperial Building, Montreal, Canada.
M. 1877 Dec. 4.	1884 Dec. 2.	DOIG, SCROPE BERDMORE	{Ex. Eng. for Irrigation, Ahmedabad, India.
1863 Dec. 1.	A. 1882 Feb. 7.	DONALDSON, HAY FREDERICK ..	Poplars, Bebington, Cheshire.
A. 1867 Apr. 2.	M. 1877 Mar. 27.	DONALDSON, JOHN	Tower House, Chiswick.
A. 1835 Mar. 10.	M. 1840 Feb. 18.	DONALDSON, THOMAS OLINTHUS ..	49 Lee Terrace, Lee, S.E.
1884 Feb. 5.	1884 Feb. 5.	DONALDSON, WILLIAM, M.A. ..	3 Victoria Street, S.W.
1864 Dec. 6.	1861 Feb. 5.	DONKIN, BRYAN	Eastnor Ho., Blackheath, S.E. [4662.]
1861 Feb. 5.	1868 Mar. 3.	DONKIN, BRYAN, JUN.	May's Hill, Shortlands, Kent. [4662.]
1868 Mar. 3.	A. 1882 May 23.	DORNING, ELIAS	41 John Dalton Street, Manchester.
A. 1882 May 23.	M. 1887 Dec. 6.	DOUGLASS, Sir JAMES NICHOLAS, F.R.S. (Member of Council.)	Trinity House, E.C. [2242.]
M. 1887 Dec. 6.	1883 May 1.	DOUGLASS, WILLIAM	Irish Lights Office, Dublin.
1883 May 1.	1883 May 1.	DOUGLASS, WILLIAM TREGARTHEN, A.K.C.	{Southville, Kenninghall Rd., Upper Clapton, N.E.
		DOWNEY, ALFRED CHRISTIAN ..	Middlesbrough-on-Tees.

Date of Election and of Transfer.	MEMBERS.	
A. 1871 Mar. 7.) M. 1884 May 13.)	DOWSON, JOSEPH EMERSON	{ 3 Great Queen Street, S.W. [Gaseous, London.]
1883 May 29.	DRAPER, CARTER, A.B.	26 Grosvenor Rd., Rathmines, Dublin.
1882 Feb. 7.	DRENNAN, WILLIAM	East London, Cape Colony.
A. 1854 May 2.)	DREW, EDWARD ALEXANDER	The Mount, Braughing, Herts.
M. 1864 Nov. 29.)	DRUCE, EDWARD READ NELSON	Admiralty Works, Dover.
1881 May 31.	DRUMMOND, DUGALD	186 Bath Street, Glasgow.
A. 1875 Feb. 2.)	DUCKHAM, FREDERIC ELIOT	Millwall Docks, E.
M. 1878 Apr. 9.)	DUFFY, WILLIAM	P.W. Office, Hobart, Tasmania.
1886 Dec. 7.	DUGDALE, RICHARD SWARBRICK	Boro' Engineer, Huddersfield.
A. 1878 Mar. 5.)	{ DUNCAN, <i>Hon.</i> GEORGE ALEXANDER	{ 8 Gloucester St., Boston, Mass., U.S.
M. 1885 Jan. 20.)	{ HALDANE	{ 8 Gloucester St., Boston, Mass., U.S.
1882 Feb. 7.	DUNCAN, GEORGE SMITH	Melbourne, Victoria.
1887 Dec. 6.	DUNCAN, ROBERT	Whitefield Works, Govan, Glasgow.
1885 Dec. 1.	DUNCANSON, ALEXANDER	Municipal Offices, Liverpool.
1876 Mar. 7.	DUNDAS, ROBERT	3 Germiston Street, Glasgow.
1874 Dec. 1.	DUNLOP, CHARLES BLACKBURN	Nizam's Ry., Secunderabad, India.
1883 Dec. 4.	{ DUNSCOMBE, CLEMENT, M.A.	{ 20 Victoria Street, S.W.
A. 1879 May 6.)	{ DUNSCOMBE, CLEMENT, M.A.	{ 20 Victoria Street, S.W.
M. 1883 Jan. 23.)	{ DUNSCOMBE, CLEMENT, M.A.	{ 20 Victoria Street, S.W.
A. 1869 Jan. 12.)	{ DUNSCOMBE, CLEMENT, M.A.	{ 20 Victoria Street, S.W.
M. 1869 Dec. 7.)	{ DUNSCOMBE, CLEMENT, M.A.	{ 20 Victoria Street, S.W.
1882 Feb. 7.	{ DUNSCOMBE, CLEMENT, M.A.	{ 20 Victoria Street, S.W.
1887 Dec. 6.	{ DUNSCOMBE, CLEMENT, M.A.	{ 20 Victoria Street, S.W.
1885 Dec. 1.	{ DUNSCOMBE, CLEMENT, M.A.	{ 20 Victoria Street, S.W.
1876 Mar. 7.	{ DUNSCOMBE, CLEMENT, M.A.	{ 20 Victoria Street, S.W.
1874 Dec. 1.	{ DUNSCOMBE, CLEMENT, M.A.	{ 20 Victoria Street, S.W.
1883 Dec. 4.	{ DUNSCOMBE, CLEMENT, M.A.	{ 20 Victoria Street, S.W.
A. 1879 May 6.)	{ DUNSCOMBE, CLEMENT, M.A.	{ 20 Victoria Street, S.W.
M. 1883 Jan. 23.)	{ DUNSCOMBE, CLEMENT, M.A.	{ 20 Victoria Street, S.W.
A. 1869 Jan. 12.)	{ DUNSCOMBE, CLEMENT, M.A.	{ 20 Victoria Street, S.W.
M. 1869 Dec. 7.)	{ DUNSCOMBE, CLEMENT, M.A.	{ 20 Victoria Street, S.W.
1882 Feb. 7.	{ DUNSCOMBE, CLEMENT, M.A.	{ 20 Victoria Street, S.W.
1887 Dec. 6.	{ DUNSCOMBE, CLEMENT, M.A.	{ 20 Victoria Street, S.W.
1885 Dec. 1.	{ DUNSCOMBE, CLEMENT, M.A.	{ 20 Victoria Street, S.W.
1876 Mar. 7.	{ DUNSCOMBE, CLEMENT, M.A.	{ 20 Victoria Street, S.W.
1874 Dec. 1.	{ DUNSCOMBE, CLEMENT, M.A.	{ 20 Victoria Street, S.W.
1883 Dec. 4.	{ DUNSCOMBE, CLEMENT, M.A.	{ 20 Victoria Street, S.W.
A. 1879 May 6.)	{ DUNSCOMBE, CLEMENT, M.A.	{ 20 Victoria Street, S.W.
M. 1883 Jan. 23.)	{ DUNSCOMBE, CLEMENT, M.A.	{ 20 Victoria Street, S.W.
A. 1869 Jan. 12.)	{ DUNSCOMBE, CLEMENT, M.A.	{ 20 Victoria Street, S.W.
M. 1869 Dec. 7.)	{ DUNSCOMBE, CLEMENT, M.A.	{ 20 Victoria Street, S.W.
1882 Feb. 7.	{ DUNSCOMBE, CLEMENT, M.A.	{ 20 Victoria Street, S.W.
1887 Dec. 6.	{ DUNSCOMBE, CLEMENT, M.A.	{ 20 Victoria Street, S.W.
1885 Dec. 1.	{ DUNSCOMBE, CLEMENT, M.A.	{ 20 Victoria Street, S.W.
1876 Mar. 7.	{ DUNSCOMBE, CLEMENT, M.A.	{ 20 Victoria Street, S.W.
1874 Dec. 1.	{ DUNSCOMBE, CLEMENT, M.A.	{ 20 Victoria Street, S.W.
1883 Dec. 4.	{ DUNSCOMBE, CLEMENT, M.A.	{ 20 Victoria Street, S.W.
A. 1879 May 6.)	{ DUNSCOMBE, CLEMENT, M.A.	{ 20 Victoria Street, S.W.
M. 1883 Jan. 23.)	{ DUNSCOMBE, CLEMENT, M.A.	{ 20 Victoria Street, S.W.
A. 1869 Jan. 12.)	{ DUNSCOMBE, CLEMENT, M.A.	{ 20 Victoria Street, S.W.
M. 1869 Dec. 7.)	{ DUNSCOMBE, CLEMENT, M.A.	{ 20 Victoria Street, S.W.
1882 Feb. 7.	{ DUNSCOMBE, CLEMENT, M.A.	{ 20 Victoria Street, S.W.
1887 Dec. 6.	{ DUNSCOMBE, CLEMENT, M.A.	{ 20 Victoria Street, S.W.
1885 Dec. 1.	{ DUNSCOMBE, CLEMENT, M.A.	{ 20 Victoria Street, S.W.
1876 Mar. 7.	{ DUNSCOMBE, CLEMENT, M.A.	{ 20 Victoria Street, S.W.
1874 Dec. 1.	{ DUNSCOMBE, CLEMENT, M.A.	{ 20 Victoria Street, S.W.
1883 Dec. 4.	{ DUNSCOMBE, CLEMENT, M.A.	{ 20 Victoria Street, S.W.
A. 1879 May 6.)	{ DUNSCOMBE, CLEMENT, M.A.	{ 20 Victoria Street, S.W.
M. 1883 Jan. 23.)	{ DUNSCOMBE, CLEMENT, M.A.	{ 20 Victoria Street, S.W.
A. 1869 Jan. 12.)	{ DUNSCOMBE, CLEMENT, M.A.	{ 20 Victoria Street, S.W.
M. 1869 Dec. 7.)	{ DUNSCOMBE, CLEMENT, M.A.	{ 20 Victoria Street, S.W.
1882 Feb. 7.	{ DUNSCOMBE, CLEMENT, M.A.	{ 20 Victoria Street, S.W.
1887 Dec. 6.	{ DUNSCOMBE, CLEMENT, M.A.	{ 20 Victoria Street, S.W.
1885 Dec. 1.	{ DUNSCOMBE, CLEMENT, M.A.	{ 20 Victoria Street, S.W.
1876 Mar. 7.	{ DUNSCOMBE, CLEMENT, M.A.	{ 20 Victoria Street, S.W.
1874 Dec. 1.	{ DUNSCOMBE, CLEMENT, M.A.	{ 20 Victoria Street, S.W.
1883 Dec. 4.	{ DUNSCOMBE, CLEMENT, M.A.	{ 20 Victoria Street, S.W.
A. 1879 May 6.)	{ DUNSCOMBE, CLEMENT, M.A.	{ 20 Victoria Street, S.W.
M. 1883 Jan. 23.)	{ DUNSCOMBE, CLEMENT, M.A.	{ 20 Victoria Street, S.W.
A. 1869 Jan. 12.)	{ DUNSCOMBE, CLEMENT, M.A.	{ 20 Victoria Street, S.W.
M. 1869 Dec. 7.)	{ DUNSCOMBE, CLEMENT, M.A.	{ 20 Victoria Street, S.W.
1882 Feb. 7.	{ DUNSCOMBE, CLEMENT, M.A.	{ 20 Victoria Street, S.W.
1887 Dec. 6.	{ DUNSCOMBE, CLEMENT, M.A.	{ 20 Victoria Street, S.W.
1885 Dec. 1.	{ DUNSCOMBE, CLEMENT, M.A.	{ 20 Victoria Street, S.W.
1876 Mar. 7.	{ DUNSCOMBE, CLEMENT, M.A.	{ 20 Victoria Street, S.W.
1874 Dec. 1.	{ DUNSCOMBE, CLEMENT, M.A.	{ 20 Victoria Street, S.W.
1883 Dec. 4.	{ DUNSCOMBE, CLEMENT, M.A.	{ 20 Victoria Street, S.W.
A. 1879 May 6.)	{ DUNSCOMBE, CLEMENT, M.A.	{ 20 Victoria Street, S.W.
M. 1883 Jan. 23.)	{ DUNSCOMBE, CLEMENT, M.A.	{ 20 Victoria Street, S.W.
A. 1869 Jan. 12.)	{ DUNSCOMBE, CLEMENT, M.A.	{ 20 Victoria Street, S.W.
M. 1869 Dec. 7.)	{ DUNSCOMBE, CLEMENT, M.A.	{ 20 Victoria Street, S.W.
1882 Feb. 7.	{ DUNSCOMBE, CLEMENT, M.A.	{ 20 Victoria Street, S.W.
1887 Dec. 6.	{ DUNSCOMBE, CLEMENT, M.A.	{ 20 Victoria Street, S.W.
1885 Dec. 1.	{ DUNSCOMBE, CLEMENT, M.A.	{ 20 Victoria Street, S.W.
1876 Mar. 7.	{ DUNSCOMBE, CLEMENT, M.A.	{ 20 Victoria Street, S.W.
1874 Dec. 1.	{ DUNSCOMBE, CLEMENT, M.A.	{ 20 Victoria Street, S.W.
1883 Dec. 4.	{ DUNSCOMBE, CLEMENT, M.A.	{ 20 Victoria Street, S.W.
A. 1879 May 6.)	{ DUNSCOMBE, CLEMENT, M.A.	{ 20 Victoria Street, S.W.
M. 1883 Jan. 23.)	{ DUNSCOMBE, CLEMENT, M.A.	{ 20 Victoria Street, S.W.
A. 1869 Jan. 12.)	{ DUNSCOMBE, CLEMENT, M.A.	{ 20 Victoria Street, S.W.
M. 1869 Dec. 7.)	{ DUNSCOMBE, CLEMENT, M.A.	{ 20 Victoria Street, S.W.

Date of Election and of Transfer.		MEMBERS.			
1882 Mar. 7.		EVANS, MORTIMER..	..	..	..
1881 Dec. 6.		EVANS, WILLIAM ..	..	..	The Bowling Iron Works, Bradford.
1890 Dec. 2.		EVANS, WILLIAM ..	..	..	Cyfarthfa Works, Merthyr Tydfil.
1884 May 27.		EVENS, THOMAS ..	..	..	29 Park Place, Cardiff.
A. 1870 May 3.	}	EVERARD, JOHN BREEDON ..	..	..	6 Millstone Lane, Leicester.
M. 1886 Mar. 1.					
G. 1841 Mar. 23.					
A. 1865 Dec. 5.	}	EVILL, WILLIAM ..	..	..	26 Collingham Gardens, S.W.
M. 1884 May 6.					
1891 Mar. 3.		EWING, <i>Prof.</i> JAMES ALFRED, M.A.,		}	Langdale Lodge, The Avenue, Cam-
		B.Sc., F.R.S.S.L. & E... ..				bridge.
A. 1874 Dec. 1.	}	EYLES, GEORGE LANCELOT ..	..	..	2 Delahay Street, Westminster, S.W.
M. 1880 Nov. 9.					
1879 May 27.		FAHEY, CHARLES SWAINE ..	..	..	18 Rosemont Rd., Acton, W.
1880 Dec. 7.		FAHIE, WILLIAM JOSEPH ..	..	..	49 Ailesbury Road, Dublin.
A. 1875 Jan. 12.	}	FAIJA, HENRY ..	..	..	2 Great Queen Street, S.W.
M. 1884 May 20.					
1864 Jan. 12.		FALKINER, TRAVERS HARTLEY ..	..	..	3 Victoria Street, S.W. [3065.]
A. 1887 Dec. 6.	}	FARRAR, SIDNEY HOWARD ..	..	..	{ P. O. Box 455, Johannesburg, Trans- vaal.
M. 1891 Jan. 27.					
1870 May 24.		FARRELL, JAMES BARRY ..	..	..	Glendarra, Wexford.
A. 1868 Apr. 7.	}	FENNER, HENRY ALGERNON SHRAPNEL	..	..	P.W.D., Rawal Pindi, India.
M. 1877 Oct. 30.					
1867 Feb. 5.		FENWICK, THOMAS..	..	..	{ 1 Park Place, Leeds. [Fenwick, En- gineer, Leeds.]
A. 1871 May 2.	}	FERGUSON, HENRY TANNER ..	..	..	Wolleigh, Bovey Tracey.
M. 1884 Oct. 14.					
1877 Apr. 10.		FERGUSON, JOHN DEMPSTER ..	..	..	Coney Park, Bridge of Allan, N.B.
A. 1862 Dec. 2.	}	FERNIE, JOHN..	..	..	Hutchinson, Kansas, U.S.
M. 1869 Feb. 23.					
A. 1867 May 21.	}	FERRAR, WILLIAM GREY ..	..	..	37 Walbrook, E.C.
M. 1877 Oct. 30.					
1879 Jan. 14.		FFORDE, JAMES ..	..	..	Railway, Algeciras. Spain.
1881 Mar. 1.		FIDDES, WALTER ..	..	..	Belgrave Rd., Tyndall's Pk., Bristol.
1880 Jan. 13.		FIDLER, THOMAS CLAXTON ..	..	..	University College, Dundee.
1891 Feb. 3.		FIELD, GEORGE ROBERT MOYLE ..	..	..	P.W.D., Patiala, Punjab.
A. 1857 Mar. 3.	}	FIELD, JOSHUA ..	..	..	{ 108 Westminster Bridge Road, S.E. [4681.]
M. 1862 May 20.					
A. 1866 Jan. 9.	}	FIELD, ROGERS, B.A. ..	..	..	7 Victoria Street, S.W.
M. 1877 May 29.					
1886 Feb. 2.		FIELDING, JOHN ..	..	..	Atlas Works, Gloucester.
1863 Feb. 3.		FILLITER, EDWARD ..	..	..	3 Rosslyn Hill, Hampstead, N.W.
1885 Feb. 3.		FINCHAM, JAMES ..	..	..	Eng-in-Ch., Hobart, Tasmania.
A. 1881 Feb. 1.	}	FINDLAY, CHARLES FARQUHAR,	..	..	A. Findlay, 116 Gresham House, E.C.
M. 1889 Mar. 12.					
1876 Dec. 5.		FIRTH, THOMAS RHODES ..	..	..	Railway Dept., Sydney, N.S.W.
1889 Feb. 5.		FISHENDEN, FREDERIC GEORGE ..	..	..	H.M. Dockyard, Chatham.
A. 1876 Feb. 1.	}	FISHER, BEN JAMES ..	..	..	L. and S. W. Ry., Exeter.
M. 1878 May 14.					
A. 1875 Dec. 7.	}	FISHER, HENRY OAKDEN ..	..	..	Cardiff.
M. 1881 May 31.					
A. 1879 Dec. 2.	}	FITCH, BENNETT ..	..	..	C. Fitch, 29 Bedford Row, W.C.
M. 1884 Nov. 25.					
A. 1879 Feb. 4.	}	FLANNERY, JAMES FORTESCUE ..	..	..	9 Fenchurch Street, E.C.
M. 1885 Mar. 3.					
1871 May 23.		FLEMING, SANDFORD, C.M.G. ..	..	..	Ottawa, Canada.
A. 1851 Mar. 4.	}	FLETCHER, LAVINGTON EVANS ..	..	..	{ 9 Mount St., Manchester. [Steam Users', Manchester.]
M. 1880 Apr. 27.					
A. 1871 Dec. 5.	}	FLOYD, WALTER COMBERMERE LEE	..	..	13 Palace Gardens Terrace, W.
M. 1885 Nov. 10.					
1863 Apr. 14.		FOGERTY, JOSEPH ..	..	..	{ Enderby, Laurie Park Road, Syden- ham, S.E.
A. 1863 Dec. 1.	}	FOGG, ROBERT ..	..	..	11 Queen Anne's Gate, S.W.
M. 1885 Feb. 24.					

Date of Election
and of Transfer.

MEMBERS.

A. 1865 May 2.}	FOLKARD, ARTHUR CROUCH	2 Portman Mansions, Baker St., W.
M. 1869 Dec. 7.}		
1880 Dec. 7.	FOOT, GEORGE	Ferro Carril Mexicano, Mexico.
1881 Apr. 5.	FOOTE, ANDREW	Borough Surveyor, Oldham.
1867 May 7.	FOOTNER, HARRY	L. & N. W. Ry., Crewe.
1877 May 1.	FORBES, EDMUND BATTEN	34 Great George Street, S.W.
1889 Mar. 5.	{FORBES, <i>Professor</i> GEORGE, M.A., F.R.S.S.L. & E.}	34 Great George Street, S.W.
A. 1857 Feb. 3.}	FORDE, HENRY CHARLES	4 Great Winchester Street, E.C.
M. 1862 Feb. 11.}		
1887 Dec. 6.	FORMAN, CHARLES DE NEUVILLE	160 Hope Street, Glasgow.
1866 May 1.	FORMAN, JAMES RICHARDSON ..	160 Hope Street, Glasgow.
A. 1874 Jan. 13.}	FORREST, JACOB	Puerta Zamora 7, Salamanca, Spain.
M. 1882 Jan. 10.}		
1872 Dec. 3.	FORREST, ROBERT EDWARD	H. S. King & Co., 45 Pall Mall, S.W.
1867 May 21.	FORSTER, GEORGE BAKER, M.A. ..	North Jesmond, Newcastle-on-Tyne.
1887 Apr. 5.	FOSTER, THOMAS BARHAM	23 John Dalton Street, Manchester.
1874 Feb. 3.	FOULIS, WILLIAM	42 Virginia Street, Glasgow.
A. 1869 Feb. 2.}	FOWLER, ALFRED MOUNTAIN ..	Boro' Chambers, Stockport.
M. 1857 Jan. 26.}		
A. 1873 Feb. 4.}	FOWLER, ALPIN GRANT	{ Agincourt Vils., London Road, Norbiton.
M. 1883 Dec. 11.}		
1866 Feb. 6.	FOWLER, FRANCIS	6 Corona Rd., Lee, S.E.
A. 1871 Feb. 7.}	FOWLER, GEORGE	Basford Hall, near Nottingham.
M. 1877 Dec. 18.}		
1844 Feb. 6.	{FOWLER, <i>Sir</i> JOHN, <i>Bart.</i> , K.C.M.G., LL.D., (<i>Past-President</i>)}	2 Queen Square Place, S.W. [3033.]
A. 1882 Dec. 5.}	FOWLER, PERCIVAL	{ 16 St. Helen's Place, E.C. [In- genieur, London.]
M. 1888 Nov. 27.}		
A. 1869 Mar. 2.}	FOX, ARTHUR DOUGLAS	1 Chesham Place, Brighton.
M. 1880 Nov. 2.}	{FOX, <i>Sir</i> DOUGLAS (<i>Member of Council</i>)}	28 Victoria Street, S.W. [3010.]
1866 Feb. 6.		
1860 Apr. 3.	FOX, DANIEL MAKINSON	Birkdale, Bournemouth.
1860 May 1.	FOX, FRANCIS	Alpenfels, Leigh Woods, Bristol.
A. 1870 Dec. 6.}	FOX, FRANCIS	Mount Alyn, Rossett, Denbighshire.
M. 1874 Mar. 17.}		
A. 1882 Mar. 7.}	FOX, FREDERICK GEORGE BROOK ..	South Indian Ry., Vellore, Madras.
M. 1891 Mar. 24.}		
1878 May 7.	FOX, JOHN HINGSTON	{ 19 Sunningdale, Alma Rd., Clifton, Bristol.
1881 Apr. 5.	FOX, SAMSON	Leeds Forge, Leeds.
1877 Dec. 4.	FOX, WILLIAM	5 Victoria Street, S.W.
A. 1877 Jan. 16.}	FOXLEE, WILLIAM THEODORE ..	Ry. Commission, Sydney, N.S.W.
M. 1884 May 27.}		
A. 1880 Jan. 13.}	FRANCIS, JOSEPH	New River Off., Clerkenwell, E.C.
M. 1883 Apr. 17.}		
1889 Dec. 3.	FRANKLIN, FREDERICK AUGUSTUS	21 Bligh St., Sydney, N.S.W.
1870 Dec. 6.	FRASER, ALEXANDER	Waterworks Co., Campden Hill, W.
A. 1873 Dec. 2.}	FRASER, JAMES	{ 100 Castle Street, Inverness. [Fraser, Civil Engineer, Inverness.]
M. 1883 May 22.}		
1862 May 6.	FRASER, JAMES GRANT	9 Great Queen Street, S.W.
A. 1875 Feb. 2.}	FRASER, PHILIP AFFLECK	Moniack, Beaulieu, N.B.
M. 1888 Nov. 20.}		
A. 1882 Dec. 5.}	FRECHEVILLE, ROBERT JAMES ..	{ 33 Broad Street Avenue, E.C. [Fra- tribus, London. 2156.]
M. 1889 Jan. 15.}		
1887 Apr. 5.	FREITAS, <i>Dr.</i> ANTONIO DE PAULA	{ Rua Marquez d'Abrantes 52, Rio de Janeiro.
1884 May 27.	FROUDE, ROBERT EDMUND	{ Admiralty Experiment Wks., Gosport. [Froude, Claremont, Alverstoke.]
A. 1864 Feb. 2.}	FULLER, GEORGE	71 Lexham Gds., Kensington, W.
M. 1878 Jan. 29.}		
A. 1858 Dec. 7.}	FULLER, GEORGE LEEDHAM	Criccieth, Carnarvonshire.
M. 1864 Dec. 6.}		
A. 1881 Dec. 6.}	FULTON, JAMES EDWARD	W. & Manawatu Ry., Wellington, N.Z.
M. 1888 Nov. 20.}		

Date of Election and of Transfer.		MEMBERS.	
1862 Dec. 2.		FURNIVALL, WILLOUGHBY CHARLES	29 Devonshire Place, W.
A. 1875 May 4.	}	FYSON, ALFRED	21 Delahay St., Westminster, S.W.
M. 1884 May 27.			
A. 1872 May 7.	}	GAEL, CHARLES EDWARD, B.A. ..	Charlton Kings, Cheltenham.
M. 1878 May 14.			
1865 Mar. 7.		GALBRAITH, WILLIAM ROBERT ..	20 Victoria Street, S.W. [3143.]
1866 Feb. 6.		GALE, HENRY	45 Elvaston Place, Queen's Gate, S.W.
1864 Feb. 2.		GALE, JAMES MORRIS	23 Miller Street, Glasgow.
1886 Jan. 12.		GALIZIA, Hon. EMMANUEL LEWIS	64 Strada Vescovo, Valetta, Malta.
1864 Dec. 6.		GALLOTT, JOSEPH LOUIS	23 Brading Rd., Upp. Tulse Hill, S.W.
1886 Mar. 2.		GALLOWAY, CHARLES JOHN	{ Knott Mill Ironworks, Manchester. [Galloway, Manchester.]
1886 Dec. 7.		GALWEY, WILLIAM, M.E.	Waterworks Co., Monte Video.
1872 Feb. 6.		GALWEY, WILLIAM JOHN	
1891 Mar. 3.		GAMBLE, FRANCIS CLARKE	D.P.W., Victoria, British Columbia.
A. 1867 Dec. 3.	}	GANDON, CHARLES	Crystal Palace Gas Co., S.E.
M. 1881 May 31.			
A. 1883 Dec. 4.	}	GANGA RAM, <i>Rai Bahadur</i> ..	Ex. Eng., P. W. D., Lahore, India.
M. 1888 Nov. 20.			
1876 Dec. 5.		GARBETT, HUBERT	Croft Ho., Castletown, Isle of Man.
A. 1851 May 6.	}	GARDNER, JOHN	34 Westmoreland Rd., Bayswater, W.
M. 1870 Feb. 8.			
1891 Mar. 3.		GARFORTH, WILLIAM EDWARD ..	Halesfield, Normanton, Yorks.
A. 1873 Dec. 2.	}	GARLAND, WALTER FAITHFULL ..	Commr., P.W.D., Johore, Malay, S.S.
M. 1887 Oct. 25.			
1861 Jan. 8.		GARLICK, EDWARD	21 Winekley Square, Preston. [28.]
A. 1859 Mar. 1.	}	GARNETT, GEORGE	Hermitage, West Street, Ryde.
M. 1881 May 3.			
A. 1869 May 11.	}	GARRETT, FRANK	{ Leiston Works, Suffolk. [Garrett, Leiston.] [Mon.]
M. 1880 Dec. 21.			
A. 1872 Jan. 9.	}	GARWOOD, ALFRED EDWARD ..	Hazelwood, Stow Park, Newport,
M. 1878 Feb. 26.			
A. 1868 Dec. 1.	}	GASKELL, THOMAS PENN	14 Victoria Street, S.W.
M. 1885 Dec. 15.			
A. 1875 Mar. 2.	}	GASKIN, DONALD MACDONALD FORD	Town Hall, St. Helens, Lanes.
M. 1881 Nov. 29.			
1882 May 2.		GATHERER, ARTHUR BRANDER ..	P.W.D., Bolarum, Deccan, India.
A. 1879 May 6.	}	GAUNTLETT, DEAN	Hyderabad, Deccan, India.
M. 1885 Feb. 24.			
1864 May 3.		GAVEY, GEORGE EDWARD	7 Westbourne Villas, West Brighton.
1873 Dec. 2.		GEOGHEGAN, HENRY THOMAS ..	The Grove, Killiney, co. Dublin.
A. 1877 May 29.	}	GEORGE, EDWARD MONSON	Mithapore, Bankipore, Bengal.
M. 1890 Mar. 25.			
A. 1877 Jan. 16.	}	GERRARD, ARTHUR STAPLES ..	Polnz, North Arcot, Madras.
M. 1888 Nov. 27.			
A. 1876 Mar. 7.	}	GHEWY, ALBERT BROWN	{ Pernambuco; and Thatched House Club. St. James's, S.W.
M. 1879 May 27.			
1882 Jan. 10.		GIBBONS, THOMAS HUGHES	G. W. Ry., Eng.'s Office, Plymouth.
1888 Dec. 4.		GIBSON, ARTHUR SUMNER	Swinton, Manchester.
1884 May 6.		GILCHRIST, PERCY CARLYLE, F.R.S.	9 Bridge St., S.W. [Gilchrist, London.]
A. 1874 Dec. 1.	}	GILCHRIST, WILLIAM GILCHRIST ..	Grindlay, Groom & Co., Bombay.
M. 1887 Feb. 15.			
1846 Mar. 3.		GILES, ALFRED, M.P. (<i>Vice-Pres.</i>)	26 Great George Street, S.W.
1887 Mar. 1.		GILES, ALFRED BRYDGES	26 Great George Street, S.W.
A. 1881 Feb. 1.	}	GILES, GEORGE FREDERICK LEE ..	Dock Office, Southampton.
M. 1888 May 8.			
1860 Dec. 4.		GILL, HENRY	Bureau der Wasserwerke, Berlin.
A. 1874 Jan. 13.	}	GILL, WILLIAM	{ Orconera Iron Ore Co., Apartado 42, Bilbao, Spain. [Ripley, Derby.]
M. 1881 Mar. 15.			
1884 Jan. 8.		GILLOTT, THOMAS	Butterley Ironworks, nr. Alfreton.
1869 Dec. 7.		GILROY, GEORGE	Woodlands, Parbold, Wigan.

Date of Election
and of Transfer.

MEMBERS.

A. 1879 Feb. 4.	M. 1883 Feb. 6.	} GIRDLESTONE, JOHN WARD.. ..	2 Nottingham Place, W.
A. 1876 Dec. 5.	M. 1881 Dec. 6.		
A. 1885 Apr. 14.	M. 1891 Apr. 28.	} GLASS, JAMES GEORGE HENRY, C.I.E.	{ Suptg. Eng. P.W.D., Nagpur, C.P., India.
A. 1879 May 27.	M. 1883 May 8.		
A. 1873 Feb. 4.	M. 1877 Dec. 11.	} GLOVER, EDWARD, M.A., B.E. ..	{ 19 Prince Patrick Ter., North Cir- cular Rd., Dublin.
A. 1869 Dec. 7.	M. 1879 Feb. 25.		
1854 May 2.	1874 May 12.	} GOLDSMITH, ALFRED JOSEPH ..	Maryborough, Queensland.
A. 1879 Feb. 4.	M. 1889 Apr. 30.		
1886 Feb. 2.	1883 Mar. 6.	} GOLDSOON, CHARLES BROWNE, M.A.	9 Bath Terrace, Tynemouth.
A. 1878 Feb. 5.	M. 1891 Jan. 27.		
1884 Feb. 5.	1867 Dec. 3.	} GOLL, LUCIEN ALEXANDER ..	Rione Amedeo 45, Naples.
1874 May 12.	1890 Apr. 1.		
A. 1879 Feb. 4.	M. 1889 Apr. 30.	} GOOCH, JOHN VIRET	Coopers Hill, Bracknell, Berks.
1886 Feb. 2.	1883 Mar. 6.		
A. 1878 Feb. 5.	M. 1891 Jan. 27.	} GOOCH, WILLIAM FREDERICK ..	Newton-le-Willows, Lanc.
1884 Feb. 5.	1867 Dec. 3.		
1874 May 12.	1890 Apr. 1.	} GOOD, CHARLES	Harbour Trust, Wollongong, N.S.W.
A. 1879 Feb. 4.	M. 1889 Apr. 30.		
1886 Feb. 2.	1883 Mar. 6.	} GOOD, WILLIAM	14 St. Patrick's Hill, Cork.
A. 1878 Feb. 5.	M. 1891 Jan. 27.		
1884 Feb. 5.	1867 Dec. 3.	} GOODALL, JOHN	Auckland, N.Z.
1874 May 12.	1890 Apr. 1.		
A. 1879 Feb. 4.	M. 1889 Apr. 30.	} GOODWIN, SINGLETON, B.E. ..	{ Co. Surveyor's Office, Tralee, co Kerry.
1886 Feb. 2.	1883 Mar. 6.		
A. 1878 Feb. 5.	M. 1891 Jan. 27.	} GORDON, ALBERT, B.E.	Gt. So. & Wn. Ry., Cork.
1884 Feb. 5.	1867 Dec. 3.		
1874 May 12.	1890 Apr. 1.	} GORDON, GEORGE	39 Queen Street, Melbourne, Victoria.
A. 1879 Feb. 4.	M. 1889 Apr. 30.		
1886 Feb. 2.	1883 Mar. 6.	} GORDON, JAMES EDWARD HENRY	11 Pall Mall, S.W. [Iridescent, Lon- don. 3830.]
A. 1878 Feb. 5.	M. 1891 Jan. 27.		
1884 Feb. 5.	1867 Dec. 3.	} GORDON, ROBERT	112 Harrow Road, W. [don. 3830.]
1874 May 12.	1890 Apr. 1.		
A. 1879 Feb. 4.	M. 1889 Apr. 30.	} GOTT, CHARLES	Bradford, Yorkshire.
1886 Feb. 2.	1883 Mar. 6.		
A. 1878 Feb. 5.	M. 1891 Jan. 27.	} GOTTO, EDWARD	{ 116 Gresham House, Old Broad Street, E.C.
1884 Feb. 5.	1867 Dec. 3.		
1874 May 12.	1890 Apr. 1.	} GOTTO, FRANK	The Logs, Hampstead Heath, N.W.
A. 1879 Feb. 4.	M. 1889 Apr. 30.		
1886 Feb. 2.	1883 Mar. 6.	} GOWER, CHARLES FOOTE	Nova Scotia House, Ipswich.
A. 1878 Feb. 5.	M. 1891 Jan. 27.		
1884 Feb. 5.	1867 Dec. 3.	} GOWER, ERASMUS HENRY MAURITIUS	Wm. Miller, Leghorn.
1874 May 12.	1890 Apr. 1.		
A. 1879 Feb. 4.	M. 1889 Apr. 30.	} GRAHAM, CHARLES BENJAMIN ..	120 Mount St., Grosvenor Sq., W.
1886 Feb. 2.	1883 Mar. 6.		
A. 1878 Feb. 5.	M. 1891 Jan. 27.	} GRAHAM, GEORGE	Caledonian Ry., Buchanan St., Glasgw.
1884 Feb. 5.	1867 Dec. 3.		
1874 May 12.	1890 Apr. 1.	} GRAHAM, MALCOLM	{ Central Argentine Ry., Rosario, S. America.
A. 1879 Feb. 4.	M. 1889 Apr. 30.		
1886 Feb. 2.	1883 Mar. 6.	} GRAHAM, ROBERT WILFRID ..	35 Chester Square, S.W.
A. 1878 Feb. 5.	M. 1891 Jan. 27.		
1884 Feb. 5.	1867 Dec. 3.	} GRANT, JOHN DUNCAN	H. S. King & Co., 45 Pall Mall, S.W.
1874 May 12.	1890 Apr. 1.		
A. 1879 Feb. 4.	M. 1889 Apr. 30.	} GRANT-DALTON, ALAN	{ Midland & Eastern Junction Ry., Middelburg Road, Cape Colony.
1886 Feb. 2.	1883 Mar. 6.		
A. 1878 Feb. 5.	M. 1891 Jan. 27.	} GRANT-DALTON, MALCOLM ..	{ Transandino Ry., Mendoza, Argen- tine Republic.
1884 Feb. 5.	1867 Dec. 3.		
1874 May 12.	1890 Apr. 1.	} GRANTHAM, RICHARD BOXALL ..	{ Northumberland Chambers, North- umberland Avenue, W.C.
A. 1879 Feb. 4.	M. 1889 Apr. 30.		
1886 Feb. 2.	1883 Mar. 6.	} GRANTHAM, RICHARD FUGE ..	{ Northumberland Chambers, North- umberland Avenue, W.C.
A. 1878 Feb. 5.	M. 1891 Jan. 27.		
1884 Feb. 5.	1867 Dec. 3.	} GRAY, GEORGE EDWARD	1115 Bush St., San Francisco, U.S.
1874 May 12.	1890 Apr. 1.		
A. 1879 Feb. 4.	M. 1889 Apr. 30.	} GRAY, HENRY ALFRED	151 Sherbourne St., Toronto, Canada.
1886 Feb. 2.	1883 Mar. 6.		
A. 1878 Feb. 5.	M. 1891 Jan. 27.	} GRAY, JOHN WILLIAM	Water Dept., Birmingham.
1884 Feb. 5.	1867 Dec. 3.		
1874 May 12.	1890 Apr. 1.	} GRAY, ROBERT KAYE	106 Cannon Street, E.C.
A. 1879 Feb. 4.	M. 1889 Apr. 30.		
1886 Feb. 2.	1883 Mar. 6.	} GRAY, THOMAS	Underhill, Port Talbot, S. Wales.
A. 1878 Feb. 5.	M. 1891 Jan. 27.		
1884 Feb. 5.	1867 Dec. 3.	} GREATHHEAD, JAMES HENRY ..	15 Victoria Street, S.W.
1874 May 12.	1890 Apr. 1.		
A. 1879 Feb. 4.	M. 1889 Apr. 30.	} GREENBANK, HENRY	38 Mount Park Rd., Ealing, W.
1886 Feb. 2.	1883 Mar. 6.		
A. 1878 Feb. 5.	M. 1891 Jan. 27.	} GREENE, WILLIAM HENRY	Ry. Dept., Melbourne, Victoria.
1884 Feb. 5.	1867 Dec. 3.		
1874 May 12.	1890 Apr. 1.	} GREENWELL, GEORGE CLEMENTSON	Duffield, Derby.
A. 1879 Feb. 4.	M. 1889 Apr. 30.		
1886 Feb. 2.	1883 Mar. 6.	} GREENWELL, GEORGE CLEMENT- SON, Jun.	Poynton, Cheshire.
A. 1878 Feb. 5.	M. 1891 Jan. 27.		
1884 Feb. 5.	1867 Dec. 3.	} GREENWOOD, ARTHUR	{ Albion Works, Leeds. [Greenwood, Leeds.]
1874 May 12.	1890 Apr. 1.		
A. 1879 Feb. 4.	M. 1889 Apr. 30.	} GREENWOOD, GEORGE	16 Great George Street, S.W.
1886 Feb. 2.	1883 Mar. 6.		

Date of Election and of Transfer.		MEMBERS.	
A. 1881 May 31.	}	GREENWOOD, WILLIAM HENRY,	Small Arms & Metal Co., Adderley
M. 1886 Dec. 7.		Wh. Sc.	Park Works, Birmingham.
G. 1838 Feb. 13.	}	GREGORY, Sir CHARLES HUTTON,	2 Delahay Street, Westminster, S.W.
M. 1845 Feb. 18.		K.C.M.G. (<i>Past-President</i>) ..	[Gregory, London.]
1885 Dec. 1.	}	GRESHAM, JAMES	{Craven Ironworks, Manchester.
1883 Mar. 6.		GRIER, WILLIAM MAGEE	{[Brake, Manchester. 613.]
A. 1875 Dec. 7.	}	GRIFFITH, FREDERICK	P. W. D., Cape Town, C.C.
M. 1886 Nov. 2.		GRIFFITH, JOHN PURSER	Waterworks Office, Leicester.
A. 1877 Dec. 4.	}	GRIFFITH, JOHN PURSER	Port and Docks Office, Dublin.
M. 1883 May 29.		GRIFFITH, WILLIAM CHARLES EASTON	Strathfield, Furgiss, Winchfield.
1889 Dec. 3.	}	GROTHE, ALBERT	3 Great Winchester Street, E.C.
1883 Mar. 6.		GROVER, JOHN WILLIAM	15 Victoria Street, S.W.
1867 Feb. 5.	}	GROVES, HERBERT	P. W. D., Jubbulpore, India.
A. 1875 Mar. 2.		GRUNEWALD, JORGE RADEMAKER	Rua de Leste, Rio de Janeiro.
M. 1883 Jan. 9.	}	GUPPY, THOMAS RICHARD	Naples.
1884 Apr. 1.		GWYNNE, JAMES EGLINTON ANDER-	{Essex Street Works, Strand, W.C.
A. 1856 Feb. 5.	}	SON	{[Gwynnegram, London.]
M. 1870 Apr. 26.		GWYNNE, JOHN	89 Cannon St., E.C. [Gwynne, Lond.]
1870 Mar. 1.	}	GZOWSKI, Col. Sir CASTMIR STANIS-	The Hall, Toronto, Canada.
1881 Feb. 1.		LAUS, K.C.M.G., A.D.C.	
1881 Dec. 6.	}	HACK, HENRY	Gasworks, Saltley, Birmingham.
1881 May 3.		HAIRE, ROBERT	Claremorris Ry., Collooney, co. Sligo.
1885 Dec. 1.	}	HALL, JOHN FRANCIS	Brightside Works, Sheffield.
A. 1858 Dec. 7.		HALL, WILLIAM	9 Great Queen Street, S.W.
M. 1881 Feb. 22.	}	HALLETT, HOLT SAMUEL	1 Chilworth Street, W.
1880 Dec. 7.		HALLETT, JOHN HARRY	115 Bute Docks, Cardiff.
A. 1886 Dec. 7.	}	HALPIN, DRUITT	{17 Victoria Street, S.W. [Halpin,
M. 1890 Feb. 4.		HAMILTON, ARCHIBALD	{London. 3075.]
A. 1871 May 2.	}	HAMILTON, TALBOT	New Dock Wks., Govan, N.B.
M. 1880 Feb. 27.		HAMILTON-SMYTHE, ARTHUR JAMES,	{H. Creswick, Hawthorne, Melbourne,
1888 Mar. 6.	}	B.A.	{Victoria.
1879 Dec. 2.		HAMMOND, WALTER JOHN	Midland Great Western Railway of
A. 1877 Jan. 16.	}	HANN, EDMUND MILLS	Ireland, Dublin.
M. 1880 Dec. 14.		HANNA, FRANCIS BAKER	Jundialhy, São Paulo, Brazil.
A. 1875 Mar. 2.	}	HANNAFORD, EDMUND PHILLIPS ..	Aberaman, Aberdare.
M. 1884 Jan. 2.		HANNAM, WILLOUGHBY	Madras Ry., Madras.
1885 Dec. 1.	}	HARDING, JOHN REGINALD	Grand Trunk Ry., Montreal, Canada.
1874 Dec. 1.		HARRISON, HERBERT SEPTIMUS	Cooktown, Queensland.
1887 Dec. 6.	}	HARPER, WILLIAM	Taiping, Perak, S.S.
A. 1878 Feb. 5.		HARDING, JOSIAH	Pentwyn, nr. Monmouth.
M. 1880 Nov. 2.	}	HARGRAVE, CHARLES TOWNSHEND	Gibbs & Co., Valparaiso, Chili.
A. 1877 May 29.		{HARGRAVE, HENRY JAMES BENNET,	{Inspector General of Roads, Adelaide,
M. 1885 Feb. 3.	}	M.A.	{South Australia.
A. 1887 May 24.		HARRINGTON, HERBERT SEPTIMUS	B. B. & C.I. Ry., Fort Bombay, India.
M. 1891 Jan. 13.	}	HARRISON, WILLIAM	P.W.D., Rawal Pindi, India.
A. 1872 Mar. 5.		HARRINGTON, TIMOTHY	197 Severn Road, Cardiff.
M. 1877 Apr. 17.	}	HARRIS, EDMUND LEGH	57 Gracechurch Street, E.C.
A. 1863 Apr. 14.			Odessa, Russia.
M. 1879 Feb. 4.	}		
1885 Dec. 1.			
1890 Dec. 2.	}		
A. 1881 May 31.			
M. 1888 Nov. 27.	}		
1881 Apr. 5.			
A. 1874 Dec. 1.	}		
M. 1882 Feb. 28.			

Date of Election and of Transfer.		MEMBERS.		
A. 1848 Mar. 7.	M. 1858 Jan. 26.	HARRIS, GEORGE WILLIAM	Mount Gambier, South Australia.	
A. 1877 Dec. 4.	M. 1886 Nov. 16.			
A. 1874 Apr. 14.	M. 1879 May 27.	HARRIS, HENRY GRAHAM	5 Great George St S.W. [3060.]	
1873 Mar. 4.	1891 Mar. 3.			
1877 Apr. 10.	1885 Dec. 1.	HARRIS, RICHARD READER	1 Temple Gds., Temple, E.C.	
1847 Apr. 13.	A. 1874 Apr. 14.			
1873 Mar. 4.	M. 1882 Mar. 21.	HARRIS, ROBERT	Gas L. & C. Co., 146 Goswell Rd., E.C.	
1891 Mar. 3.	A. 1857 Apr. 7.			
1877 Apr. 10.	M. 1864 Apr. 12.	HARRIS, ROBERT LEWIS	1 Broadway, New York, U.S.	
1885 Dec. 1.	A. 1864 Dec. 6.			
1847 Apr. 13.	M. 1869 Dec. 7.	HARRISON, CHARLES AUGUSTUS ..	N.E. Ry., Newcastle-on-Tyne.	
A. 1874 Apr. 14.	1870 May 3.			
M. 1882 Mar. 21.	1881 May 31.	HARRISON, JOHN THORNHILL ..	31 Spring St., Hull.	
A. 1857 Apr. 7.	1881 May 31.			
M. 1864 Apr. 12.	A. 1856 Dec. 2.	HARRISON, JOHN WM. DRINKWATER	Local Govt. Board, Whitehall, S.W.	
A. 1864 Dec. 6.	M. 1862 Apr. 1.			
M. 1869 Dec. 7.	A. 1874 Dec. 1.	HARRISON, JOSEPH	Goldington Rd., Bedford.	
1870 May 3.	M. 1890 May 20.			
1881 May 31.	A. 1874 Dec. 1.	HARRISON, WILLIAM	Llanwy, Hampton Pk., Hereford.	
A. 1856 Dec. 2.	M. 1882 Apr. 18.			
M. 1862 Apr. 1.	1891 Apr. 7.	HART, JOHN HENRY EUSTACE ..	Robert Harrison, Burton-on-Trent.	
A. 1874 Dec. 1.	1866 Mar. 6.			
M. 1890 May 20.	1885 May 5.	HARTLEY, Sir CHARLES AUGUS- TUS, K.C.M.G., F.R.S.E. ..	9 Springfield Place, Bath.	
A. 1874 Dec. 1.	A. 1879 May 6.			
M. 1882 Apr. 18.	M. 1889 Nov. 15.	HARVEY, HENRY BEECROFT ..	10 Victoria Street, S.W.	
1891 Apr. 7.	A. 1867 Feb. 5.			
1866 Mar. 6.	M. 1874 Mar. 10.	HASKINS, WILLIAM	{ City Engineer, Hamilton, Ont., Canada.	
1885 May 5.	1867 May 21.			
A. 1879 May 6.	1840 Apr. 7.	HASSARD, RICHARD	{ 30 Great George Street, S.W.	
M. 1889 Nov. 15.	(<i>Past-President.</i>)			
A. 1867 Feb. 5.	1881 Mar. 1.	HAWGOOD, HARRY	{ 30 Great George Street, S.W.	
M. 1874 Mar. 10.	M. 1885 Feb. 24.			
1867 May 21.	1862 May 6.	{ HAWKSHAW, JOHN CLARKE, M.A. (<i>Member of Council.</i>)	{ 30 Great George Street, S.W.	
1840 Apr. 7.	1862 May 6.			
(<i>Past-President.</i>)	1862 May 6.	HAY, ROBERT	{ 30 Great George Street, S.W.	
1881 Mar. 1.	1862 May 6.			
M. 1885 Feb. 24.	1862 May 6.	HAYTER, HARRISON	{ 30 Great George Street, S.W.	
1862 May 6.	1862 May 6.			
1862 May 6.	1862 May 6.	(Vice-President.)	{ 30 Great George Street, S.W.	
1862 May 6.	1862 May 6.			
1862 May 6.	1862 May 6.	HAYWOOD, Lt.-Col. WILLIAM ..	{ 30 Great George Street, S.W.	
1862 May 6.	1862 May 6.			
1862 May 6.	1862 May 6.	HEAD, JEREMIAH	{ 30 Great George Street, S.W.	
1862 May 6.	1862 May 6.			
1862 May 6.	1862 May 6.	HEAD, JOHN	{ 30 Great George Street, S.W.	
1862 May 6.	1862 May 6.			
1862 May 6.	1862 May 6.	HEARSON, THOMAS ALFRED, R.N., Wh. Sc.	{ 30 Great George Street, S.W.	
1862 May 6.	1862 May 6.			
1862 May 6.	1862 May 6.	HEBBERT, FREDERICK BENBOW ..	{ 30 Great George Street, S.W.	
1862 May 6.	1862 May 6.			
1862 May 6.	1862 May 6.	HEDESTEDT, HENRY BURDETT ..	{ 30 Great George Street, S.W.	
1862 May 6.	1862 May 6.			
1862 May 6.	1862 May 6.	HEDGES, KILLINGWORTH	{ 30 Great George Street, S.W.	
1862 May 6.	1862 May 6.			
1862 May 6.	1862 May 6.	HEENAN, GEORGE FREDERIC HAM- MERSLEY	{ 30 Great George Street, S.W.	
1862 May 6.	1862 May 6.			
1862 May 6.	1862 May 6.	HEENAN, RICHARD HAMMERSLEY ..	{ 30 Great George Street, S.W.	
1862 May 6.	1862 May 6.			
1862 May 6.	1862 May 6.	{ HEENAN, ROBERT HENRY HAM- MERSLEY	{ 30 Great George Street, S.W.	
1862 May 6.	1862 May 6.			
1862 May 6.	1862 May 6.	HELE-SHAW, Professor HENRY	{ 30 Great George Street, S.W.	
1862 May 6.	1862 May 6.			
1862 May 6.	1862 May 6.	SELBY, Wh. Sc.	{ 30 Great George Street, S.W.	
1862 May 6.	1862 May 6.			
1862 May 6.	1862 May 6.	HEMANS, ARTHUR WILLOUGHBY ..	{ 30 Great George Street, S.W.	
1862 May 6.	1862 May 6.			
1862 May 6.	1862 May 6.	HENDERSON, DAVID MARR	{ 30 Great George Street, S.W.	
1862 May 6.	1862 May 6.			
1862 May 6.	1862 May 6.	HENDERSON, JAMES	{ 30 Great George Street, S.W.	
1862 May 6.	1862 May 6.			
1862 May 6.	1862 May 6.	HENDERSON, JAMES	{ 30 Great George Street, S.W.	
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1862 May 6.	1862 May 6.	HENDERSON, JAMES	{ 30 Great George Street, S.W.	
1862 May 6.	1862 May 6.			
1862 May 6.	1862 May 6.	HENDERSON, JAMES	{ 30 Great George Street, S.W.	

Date of Election and of Transfer.		MEMBERS.	
A. 1880 Dec. 7.	M. 1884 Nov. 4.	HENDERSON, JOHN BAILLIE	.. Brisbane, Queensland.
A. 1869 Jan. 12.	M. 1882 Mar. 21.	HENNELL, THOMAS.. ..	6 Delahay St., Westminster, S.W.
A. 1874 Feb. 3.	M. 1882 Nov. 7.	HENSLOWE, CECIL WILLIAM EDWARD	{ Pinewood, Grayshott, Liphook, Hants.
A. 1869 Dec. 7.	M. 1879 Feb. 4.	HENSLOWE, FRANCIS BOYLE.. ..	{ India; and Grindlay's, 55 Parlia- ment St., S.W.
A. 1844 June 25.	M. 1857 Jan. 20.	HENSMAN, HENRY	22 Blomfield Street, W.
A. 1877 Mar. 6.	M. 1889 Nov. 26.	HEPWORTH, JOSEPH	Gas and Waterworks, Carlisle.
A. 1883 May 29.	M. 1886 Nov. 16.	HERING, RUDOLPH	277 Pearl St., New York City, U.S.
1890 Dec. 2.		HERSCHEL, CLEMENS	2 Wall St., New York, U.S.
A. 1880 May 4.	M. 1891 May 5.	HERVEY, MATTHEW WILSON, A.K.C.	{ West Middlesex Waterworks, Ham- mersmith, W.
1886 Dec. 7.		HETHERINGTON, JOHN MUIR	Vulcan Works, Manchester.
1888 Dec. 4.		HEWITT, JOHN RICHARDSON	London Road, Derby.
A. 1876 Dec. 5.	M. 1881 Jan. 11.	HEWSON, THOMAS	Borough Engineer, Leeds.
1845 Mar. 11.		HICK, JOHN	{ Mytton Hall, Whalley, Lancashire; and 4 St. James's Pl. S.W.
A. 1874 Feb. 3.	M. 1876 Feb. 8.	HICKSON, ROBERT ROWAN PURDON	Roads&BridgesDept., Sydney, N.S.W.
1860 May 22.		HIGGIN, GEORGE	4 Broadway, Westminster, S.W.
1890 Apr. 1.		HIGGINS, ANDREW FRANK	P. W. D., Yeothmal, Berar, India.
A. 1867 Feb. 5.	M. 1871 Dec. 5.	HIGGINSON, HARRY PASLEY	Wellington, N.Z.
1882 May 23.		HIGHAM, THOMAS	Umballa, Punjab, India.
1878 Dec. 3.		HIGSON, JACOB	18 Booth St., Manchester.
1878 Dec. 3.		HIGSON, JOHN	18 Booth St., Manchester.
1872 Feb. 6.		HILL, GEORGE HENRY	Ernscroft, Compstall, Stockport.
A. 1875 Dec. 7.	M. 1890 Apr. 22.	HILL, HENRY ELLIS	{ Helvellyn, Ambleside Avenue, Streatham, S.W.
1877 Dec. 4.		HILL, JAMES NINIAN	Tehuantepec Ry., Alvarado, Mexico.
1870 May 24.		HILL, JOHN	Ennis, co. Clare, Ireland.
A. 1865 Dec. 5.	M. 1876 Mar. 7.	HILL, RICHARD HARRIS	3 Lombard Court, E.C.
1882 Apr. 4.		HILLMAN, CHARLES LA FLETCHER	Mayers & Hillman, Angol, Chili.
A. 1871 Mar. 10.	M. 1883 Nov. 13.	HILTON, JOHN EDWARD	{ Delhi & London Bank, 123 Bishops- gate St. Within, E.C.
1879 Dec. 2.		HINDLE, JOSEPH	Fabrica del Aquila, Chucuito, Peru.
A. 1883 May 1.	M. 1885 Dec. 15.	HOBSON, GEORGE ANDREW	{ 2 Victoria Mansions, Victoria St., S.W.
1886 May 4.		HOBSON, JOSEPH	Grand Trunk Ry., Hamilton, Canada.
A. 1878 Feb. 5.	M. 1886 Mar. 23.	HODGSON, WILLIAM	{ Engineer's Office, Midland Railway, Derby.
A. 1870 Mar. 1.	M. 1886 Apr. 13.	HODSON, GEORGE	{ Abbey Buildings, Princes St., West- minster, S.W. [Output, London.]
A. 1881 Dec. 6.	M. 1891 Feb. 17.	HOGAN, JOHN POICTEVIN LEMON	Grindlay, Groom & Co., Bombay.
1877 Dec. 4.		HOGARTH, DAVID FRANCIS	36 Addison Gds. N., Kensington, W.
1886 Apr. 6.		HOGG, ALEXANDER LAUDER.. ..	{ 52 Imperial Bldg., St. James' St., Montreal, Canada. [Glasgow.]
1878 Feb. 5.		HOGG, CHARLES PULLAR	175 Hope Street, Glasgow. [Crouch,
A. 1882 Feb. 7.	M. 1887 May 24.	HOLDEN, JAMES	{ G. E. Ry., Stratford, E. [Eastden, London.]
1884 May 27.		HOLLAND, CALVERT BERNARD	Ebbw Vale, Mon.
A. 1861 Apr. 9.	M. 1879 Jan. 7.	HOLLINGSWORTH, CHARLES ERNEST	2 Delahay Street, Westminster, S.W.
1886 May 18.		HOLMAN, STEPHEN	15 Great George Street, S.W.
A. 1880 Mar. 2.	M. 1888 Mar. 6.	HOLMES, ARTHUR BROMLEY.. ..	36 Princes Avenue, Liverpool.

Date of Election
and of Transfer.

MEMBERS.

1875 Feb. 2.	HOLT, ALFRED	{1 India Bdgs., Liverpool. [Alfred Holt, Liverpool.]
A. 1875 Apr. 6.)	HOLTHAM, EDMUND GREGORY ..	{D. L. Collins, 2 Elm Tree Rd., St. John's Wood, N.W.
M. 1879 Jan. 7.)		
1877 May 29.	HOMER, CHARLES JAMES	Civil & M. Eng., Stoke-on-Trent.
A. 1884 Dec. 2.)	HOOD, JOHN WYKEHAM JACOMB ..	{L. & S. W. Ry., Clapham Junction, S.W.
M. 1891 Jan. 27.)		
1847 Mar. 2.	HOOD, ROBERT JACOMB	25 Bramham Gds., Kensington, S.W.
A. 1864 May 24.)	HOOD, WELLS	{Recife & São Francisco Ry., Pernambuco.
M. 1876 Apr. 25.)		
A. 1882 Dec. 5.)	HOPKINSON, CHARLES, B.Sc. ..	29 Princess Street, Manchester.
M. 1888 Jan. 24.)		
A. 1885 Jan. 13.)	HOPKINSON, EDWARD, M.A., D.Sc.	Salford Ironworks, Manchester.
M. 1890 Nov. 11.)		
1885 Apr. 14.	HOPKINSON, JOHN	St. Margaret's Rd., Bowdon, Cheshire.
A. 1877 Dec. 4.)	{HOPKINSON, JOHN, Jun., M.A., D.Sc., Wh. Sc., F.R.S.}	5 Victoria Street, S.W. [3092.]
M. 1882 Apr. 18.)		
A. 1880 Jan. 13.)	HORAN, JOHN, M.E.	Co. Surveyor's Office, Rathkeale.
M. 1890 Feb. 25.)		
A. 1870 Feb. 1.)	HORN, THOMAS	Gray St., Blackfriars, S.E.
M. 1886 Feb. 9.)		
1878 May 28.	HORN, THOMAS WILLIAM	Lyonsdown, New Barnet.
A. 1878 May 28.)	HORSLEY, CHARLES	22 Wharf Rd., City Rd., N.
M. 1883 Jan. 30.)		
A. 1879 May 27.)	HORSLEY, STEPHEN	Nagercoil, Travancore, India.
M. 1885 Nov. 24.)		
1890 May 20.	HÖRST, WALTER PHILIP VON DER ..	Grindlay's, 55 Parliament St., S.W.
A. 1851 Mar. 4.)	HOWARD, THOMAS	Bryn-y-Mor, Weston-super-Mare.
M. 1866 Apr. 24.)		
A. 1868 Apr. 7.)	HOWARD, WILLIAM STUART	P.W.D., Poona, Bombay.
M. 1878 Jan. 29.)		
A. 1867 Feb. 5.)	HOWKINS, JOHN	{Queensberry Lodge, Granton Road, Edinburgh.
M. 1872 Dec. 3.)		
A. 1880 May 25.)	HOWNAM-MEEK, SYDNEY HOWNAM	{20 Langford Road, Heaton Chapel, Stockport.
M. 1888 May 8.)		
1888 May 1.	HOWSON, RICHARD	2 Exchange Place, Middlesbrough.
A. 1880 May 4.)	HUDSON, FRANK	{Central Uruguay Railway, Monte Video.
M. 1888 Jan. 17.)		
1879 Dec. 2.	HUDSON, HENRY WALTER	Chief Eng., Trichoor, Malabar Coast.
A. 1879 Feb. 4.)	HUDSON, JOHN GEORGE	Glenholme, Bromley Cross, Bolton.
M. 1887 Jan. 25.)		
1881 Dec. 6.	HUGHES, ARTHUR JOHN	Suptg. Eng., P. W. D., Allahabad,
1881 May 31.	HUGHES, JOHN SYLVESTER	Festiniog Ry., Portmadoc. [India.
1885 Jan. 13.	HUGHES, WALTER CHARLETON ..	Secy. to Govt., P.W.D., Bombay.
A. 1879 Feb. 4.)	HUGHES, WILLIAM, M.E.	Binny & Co., Madras.
M. 1888 Oct. 30.)		
1867 May 21.	HULSE, WILLIAM WILSON	Ordsal Tool Works, Salford.
A. 1865 Feb. 7.)	HUMPHREYS, H. TEMPLE	Clady House, Stranraer, N.B.
M. 1870 Mar. 8.)		
1888 Apr. 10.	HUMPHREYS, ROBERT HARRY ..	Deptford Pier, S.E. [U.S.
1891 Mar. 3.	HUNT, ALFRED EPHER	272 Shady Avenue, Pittsburgh, Pa.,
1881 Mar. 1.	HUNT, CHARLES	Gaswks., Windsor St., Birmingham.
A. 1868 Mar. 3.)	HUNT, WILLIAM	L. & Y. Ry., Manchester.
M. 1876 Jan. 25.)		
A. 1881 Dec. 6.)	HUNTER, JAMES BERNARD ..	{202 Bow Road, E. [Venator, London. 5402.]
M. 1889 Jan. 15.)		
A. 1865 May 2.)	HUNTER, WALTER	{48 Bow Road, E. [Venator, London. 5402.]
M. 1878 May 14.)		
1891 May 5.	HUNTER, WILLIAM HENRY	Ship Canal, Eng.'s Office, Manchester.
A. 1846 Apr. 7.)	HUNTINGTON, JOHN BARKER ..	{Mrs. Corrie, 148 Kilburn Lane, Harrow Road, W.
M. 1866 Mar. 27.)		
A. 1879 May 27.)	HURTZIG, ARTHUR CAMERON ..	2 Queen Square Place, S.W. [3033.]
M. 1886 Mar. 16.)		

Date of Election and of Transfer.		MEMBERS.	
A. 1867 Feb. 5.	M. 1873 Dec. 23.	HUTCHINS, GEORGE ALBERT	Welshpool, Montgomeryshire.
1881 Mar. 1.			
1862 Mar. 4.		HUTCHINSON, JOHN HOUSEMAN	Nikosia, Cyprus.
1890 Dec. 2.		HUTTON, DARNTON	14 Cumberland Ter., Regent's Pk., N.W.
1875 May 11.		HUTTON, WILLIAM RICH	35 Br'dway, Room 112, New Y'k, U.S.
1871 Dec. 5.		HUXHAM, HORTENSIVS	1 Northampton Terrace, Swansea.
1891 Jan. 13.		HYDE, MARK	{ Peel House, Edge Lane, Stretford, Manchester.
1883 Dec. 4.		HYNES, FREDERICK MARGARSON	Riversdale Rd., Hawthorn, Victoria.
		HYSLOP, PETER SHARP	Upper Cairn, New Cumnock, N.B.
1866 May 15.		IKIN, JONATHAN DICKSON	23 Friern Rd., E. Dulwich.
1871 Mar. 7.		INRAY, JOHN, M.A.	{ 28 Southptn. Bds., Chancery La., W.C. [Patentable. London. 2729.]
A. 1876 Dec. 5.	M. 1884 Mar. 18.	INGLIS, JAMES CHARLES	13 Buckland Ter., Plymouth.
A. 1871 Jan. 10.	M. 1877 Nov. 27.		
1885 Apr. 14.		IRVINE, ARCHIBALD HENRY	{ 180 Stockport Rd., Levenshulme, Manchester.
A. 1875 Feb. 2.	M. 1879 Apr. 29.	IRWIN, HENRY, C.I.E.	P.W.D., Pachmarhi, India.
A. 1876 May 2.	M. 1881 Apr. 5.		
		IZAT, ALEXANDER	King, King, and Co., Bombay.
A. 1888 Apr. 10.	M. 1891 Jan. 20.	JACKSON, CHARLES LOXTON	Hillfold, Bolton.
A. 1874 Apr. 14.	M. 1879 Dec. 23.		
A. 1874 Feb. 3.	M. 1879 Nov. 4.	JACKSON, EDWARD	Harbour Works, Ceara, Brazil.
1882 Apr. 4.	1883 Dec. 4.		
A. 1864 Dec. 6.	M. 1875 Dec. 21.	JACKSON, JOHN	Stubben Edge, Chesterfield.
1881 Mar. 1.	1885 Dec. 1.		
1882 Apr. 4.		JACKSON, SAMUEL, C.I.E.	Bellwood, Ranmoor, Sheffield.
1883 Dec. 4.		JACKSON, WILLIAM FRANCIS	Sterndale House, Litton, Stockport.
A. 1864 Dec. 6.	M. 1875 Dec. 21.	JACOB, ARTHUR, B.A.	Town Hall, Salford.
1881 Mar. 1.	1885 Dec. 1.		
1885 Dec. 1.		JACOB, AUGUSTUS HAMILTON, M.A.	Ch. Eng. to Govt., Travancore, India.
1890 Apr. 1.		JACOBS, CHARLES MATTATHIAS	88 Bishopsgate Street Within, E.C.
A. 1879 May 6.	M. 1887 Nov. 22.	JAMES, HENRY ALEXANDER	{ 3 Victoria Street, S.W. [Kahort, London.]
1868 Dec. 1.	1882 Feb. 7.		
1882 Feb. 7.		JAMES, JOHN WILLIAM HENRY	8 Southview, Valley Rd., Streatham, S.W.
A. 1878 Jan. 15.	M. 1887 Feb. 8.	JAMESON, <i>Professor</i> ANDREW } F.R.S.E.	{ The Boulevard, Petersham, N.S.W. 32 Victoria Street, S.W.
A. 1882 Mar. 7.	M. 1884 Oct. 14.		{ Glasgow and West of Scotland Technical College, Glasgow.
1872 Feb. 6.	1860 Apr. 3.	JARDINE, ALEXANDER WILLIAM	
1860 Apr. 3.	1888 Mar. 6.	JEBB, GEORGE ROBERT	Harbours & Rivers Dept., Brisbane, Queensland.
1888 Mar. 6.		JENKIN, SILVANUS WILLIAM	Shropshire Union Rys., Birmingham.
A. 1884 Mar. 4.	M. 1891 May 12.	JENNINGS, NEWTON EDWARD	Liskeard, Cornwall.
A. 1882 May 23.	M. 1889 Dec. 17.	JENNINGS, WILLIAM TINDAL	Heidelberg, Victoria.
A. 1875 May 11.	M. 1877 Nov. 13.		
1869 Mar. 2.		JOHNSON, CHARLES MALCOLM, R.N.	City Engineer, Toronto, Canada.
A. 1874 Apr. 14.	M. 1878 Dec. 3.	JOHNSON, HENRY	H.M.S. "Hibernia," Malta.
1862 May 20.	1856 Mar. 4.		
A. 1856 Mar. 4.	M. 1860 Jan. 17.	JOHNSON, JOHN	{ Almora Lodge, Birdhurst Rd., South Croydon.
1867 Dec. 3.	1885 Mar. 3.		
1867 Dec. 3.		JOHNSON, JOHN WILLIAM	{ Whitely, Newcastle-on-Tyne. Inspector of Local Works, Dacca, Bengal.
1885 Mar. 3.		JOHNSON, RICHARD	G. N. Ry., King's Cross, N.
		JOHNSON, ROBERT	Rookwood, Parkhurst, I.W.
		JOHNSON, SAMUEL WAITE	Midland Railway, Derby.
		JOHNSON, WALTER CLAUDE	The Dignaries, Westcombe Pk., S. E

Date of Election and of Transfer.		MEMBERS.	
A. 1877 Dec. 4.}	M. 1884 Jan. 22.}	JOHNSON, WARWICK HUSON ..	Srinagar, Kashmir, India.
A. 1883 Feb. 6.}	M. 1886 May 18.}	JOHNSTON, ANDREW	{ Ry. Commissioner, Brisbane, Queens- land.
A. 1880 May 4.}	M. 1890 Apr. 22.}	JOHNSTON, HERBERT DENT ..	{ South Indian Ry., Trichinopoly, Madras.
1867 Mar. 5.		JOHNSTON, ROBERT EDWARD ..	Joint Railways Office, Birkenhead.
1860 Feb. 7.		JOHNSTON, THS. MASTERMAN HARDY	Lewis Bdgs., Christchurch, N.Z.
A. 1872 Dec. 3.}	M. 1880 Mar. 23.}	JOHNSTONE, FREDERICK JOHN ..	Supg. Eng., Shillong, Assam.
A. 1870 Mar. 1.}	M. 1877 Nov. 27.}	JOLL, HENRY	Supg. Eng., Bankipur, Bengal.
1881 Dec. 6.		JONES, CHARLES BOOTH, B.A. ..	The Mall, Sligo.
1871 Jan. 10.		JONES, FRANCIS	Beau Séjour, Jersey.
A. 1869 May 11.}	M. 1875 Apr. 27.}	JONES, HARRY EDWARD ..	Commercial Gas Co., Stepney, E.
A. 1850 May 7.}	M. 1863 Mar. 24.}	JONES, HODGSON	{ Meadowville, North Road, High- gate, N.
A. 1875 Feb. 2.}	M. 1881 Nov. 15.}	JONES, JOHN ALFRED, F.R.S.E. ..	{ Sanitary Engineer to Government, Madras.
1886 Dec. 7.		JONES, PEYTON	Ry. Dept., Melbourne, Victoria.
1870 May 3.		JONES, ROBERT	Cloverley, West Hill, Putney, S.W.
1877 Dec. 4.		JOPP, JOHN GALE	S. M. Ry., Bellary, Madras.
1887 Dec. 6.		JOYNER, ROBERT BATSON ..	Grindlay's, 55 Parliament St., S.W.
1891 Mar. 3.		JUDSON, WILLIAM PIERSON ..	Oswego, New York, U.S.
A. 1885 Jan. 13.}	M. 1891 Jan. 13.}	KAPP, GISBERT	31 Parliament Street, S.W.
1889 May 7.		KATTE, WALTER	{ N. Y. Central & Hudson River Rlrd., New York, U.S.
A. 1873 Dec. 2.}	M. 1878 Dec. 3.}	KEATING, EDWARD HENRY ..	City Engineer, Halifax, Nova Scotia.
A. 1884 Jan. 8.}	M. 1887 Oct. 25.}	KEATING, HENRY, M.A. ..	
1885 Dec. 1.		KEEFER, GEORGE ALEXANDER ..	Victoria, British Columbia.
1877 Dec. 4.		KEEFER, THOMAS COLTRIN, C.M.G.	D.P.W., Ottawa, Canada.
A. 1883 Dec. 4.}	M. 1888 Dec. 18.}	KEELE, THOMAS WILLIAM ..	{ Harbours & Rivers Dept, Ballina, Richmond River, N.S.W.
1873 May 20.		KEELING, GEORGE WILLIAM ..	Tuthill, Lydney, Gloucestershire.
1890 Dec. 2.		KELLY, WILLIAM REDFERN ..	1 Elgin Terrace, Richmond, Belfast.
1877 May 29.		KELSEY, FLETCHER FR. SHERIDAN	{ Chignecto Ship Ry., Amherst, Nova Scotia.
A. 1879 Mar. 4.}	M. 1884 Nov. 25.}	KEMP, HENRY	Smyrna and Cassaba Ry., Smyrna.
1879 May 27.		{ KENNEDY, <i>Professor</i> ALEX. BLACKIE WILLIAM, F.R.S.	{ 19 Little Queen St., Westminster, S.W. [Kinematic, London.]
1875 Dec. 7.		KENNEDY, JOHN	Montreal, Canada.
A. 1851 Mar. 4.}	M. 1857 May 5.}	KENNEDY, JOHN PITT	45 Finsbury Circus, E.C.
A. 1880 Dec. 7.}	M. 1884 May 13.}	KENNEDY, NEIL	Aguilas, Murcia, Spain.
A. 1879 Apr. 1.}	M. 1888 May 15.}	KER, THOMAS	Abu Road, Rajputana, India.
1862 Mar. 4.		KERSHAW, JOHN	Marazion, St. Leonards-on-Sea.
A. 1866 May 1.}	M. 1878 Apr. 30.}	KETCHUM, HENRY GEORGE CLOPPER	Chignecto Ship Ry., Amherst, Nova [Scotia.]
A. 1871 May 2.}	M. 1877 Nov. 27.}	KIERZKOWSKI-STEUART, CHARLES FERDINAND DE	{ 7 Collingham Rd., Cromwell Rd., S.W.
A. 1863 Dec. 1.}	M. 1877 Nov. 27.}	KILGOUR, GEORGE	Barkly, W. Griqualand, Cape Colony
A. 1859 Dec. 6.}	M. 1875 Nov. 9.}	KIMBER, JAMES	Eng. to the Corporation, Calcutta.
A. 1870 Apr. 5.}	M. 1879 Mar. 25.}	KINCAID, JOSEPH, M.A. ..	{ 11 Great George Street, S.W. [Kincaid, London. 3011.]

Date of Election and of Transfer.		MEMBERS.	
A. 1878 Feb. 5.	M. 1889 Dec. 10.	KINDER, CLAUDE WILLIAM	c.o. H.B.M. Consul, Tientsin, China.
1889 Apr. 2.			Ganges Canal, Roorkee, India.
1874 May 5.			Gas Office, Duke Street, Liverpool.
A. 1873 Mar. 4.	M. 1889 Nov. 15.	KING, WILLIAM HENRY	Grindlay & Co., Calcutta.
M. 1889 Nov. 15.			
A. 1858 Feb. 2.	M. 1863 Dec. 8.	KINGSBURY, WILLIAM JOSEPH ..	35 Courtfield Gardens, S.W.
M. 1863 Dec. 8.			
1865 Feb. 7.		KINIPPLE, WALTER ROBERT ..	{ 3 Victoria Street, S.W. [Kahort, London.]
1883 May 29.		KINSEY, WILLIAM BARNES	Umbilo, near Durban, Natal.
1875 May 4.		KIRBY, FREDERICK HALL	Union Club, Trafalgar Square, W.C.
A. 1865 Feb. 7.	M. 1878 Feb. 26.	KIRK, ALEXANDER CARNEGIE, LL.D.	Lancefield House, Glasgow.
M. 1878 Feb. 26.			
1885 Mar. 3.		KIRKALDY, DAVID	99 Southwark St., S.E.
1865 Mar. 23.		KIRKHAM, THOMAS NESHAM ..	
1875 Mar. 2.		KIRTLEY, WILLIAM	L. C. & D. Ry., Wandsworth Rd., S.W.
1876 Dec. 5.		KITSON, <i>Sir</i> JAMES, <i>Bart.</i> ..	Monk Bridge Ironworks, Leeds [73.]
1875 Mar. 2.		KITSON, JOHN HAWTHORN ..	{ Airedale Foundry, Leeds. [Kitson, Airedale, Leeds. 26.]
A. 1869 Apr. 6.	M. 1878 Dec. 3.	KNORR, CHARLES BENJAMIN ..	{ F. C. de Cruz del Eje, Cordoba, Argentine Republic.
M. 1878 Dec. 3.			
A. 1866 Mar. 6.	M. 1877 June 26.	KNOWLES, GEORGE	{ Billiter Square Buildings, E.C. [Knobillit, London. 4151.]
M. 1877 June 26.			
1869 Dec. 7.		KNOWLES, JOHN	Westwood, Pendlebury, Manchester.
1879 Dec. 2.		KRAFT, JOHN	Société Cockerill, Seraing, Belgium.
1880 Apr. 6.		KÜHL, CHARLES HENRY LEOPOLD	European Comm. of Danube, Soulina.
A. 1873 May 6.	M. 1876 Apr. 25.	KYLE, JOHN	Ship Canal, Salford Docks, Lanes.
M. 1876 Apr. 25.			
A. 1876 May 30.	M. 1883 Nov. 3.	LANGDON, WILLIAM	{ Ch. Mech. Eng., Rio Tinto, Huelva, Spain.
M. 1883 Nov. 3.			
1889 Mar. 5.		LANGE, HERMANN LUDWIG ..	Windsor Pl., Victoria Pk., Manchester.
1870 Jan. 11.		LANGLEY, ALFRED ANDREW ..	33 Chester Ter., Regent's Pk., N.W.
1890 Feb. 4.		LANYON, JOHN	Northern Bank Chambers, Belfast.
A. 1881 May 31.	M. 1885 Nov. 24.	LAPAGE, RICHARD HERBERT ..	{ Elmwood, Surbiton. [Lapage, Elm- wood, Surbiton.]
M. 1885 Nov. 24.			
A. 1874 Feb. 3.	M. 1885 Nov. 10.	LARGE, PHILIP TOWNSHEND	{ Carnalway Rectory, Kilecullen, co. Kildare.
M. 1885 Nov. 10.			
A. 1877 May 1.		LATHAM, ALBERT	Town Hall, Margate.
M. 1882 Apr. 4.			
A. 1865 May 2.		LATHAM, BALDWIN	13 Victoria Street, S.W.
M. 1868 May 19.			
A. 1859 Dec. 6.	M. 1866 Dec. 17.	LATHAM, JOHN HERBERT, M.A. ..	Ngaruawahia, Auckland, N.Z.
M. 1866 Dec. 17.			
A. 1868 Dec. 1.	M. 1875 Feb. 9.	LA TOUCHE, HENRY CHRISTOPHER	{ Rev. T. Eyton, St. Devereux, near Hereford. [Mare.]
M. 1875 Feb. 9.			
1884 May 6.		LAURENCE, WILLIAM KNOX ..	Beaconsfield Road, Weston-super-
1879 Mar. 4.		LAVALLEY, ALEXANDER ..	{ Manoir Bois Thillard, Pont l'Évêque, Calvados, France. [London.]
1867 Feb. 5.		LAW, HENRY	17 Victoria Street, S.W. [Lawfulness,
A. 1878 May 7.	M. 1880 Feb. 24.	LAWDER, ARTHUR WILLIAM, F.G.S.	H. S. King & Co., 65 Cornhill, E.C.
M. 1880 Feb. 24.			
A. 1880 Dec. 7.	M. 1884 Dec. 16.	LAWDER, JAMES ORMSBY ..	{ Lawderdale, co. Leitrim. [Lawder, Ballinamore.]
M. 1884 Dec. 16.			
1867 Feb. 5.		LAWFORD, WILLIAM	Parliament Mnsns., Victoria St., S.W.
1877 May 29.		LAWS, HUBERT	18 Grainger St. W., Newcastle-on-Tyne.
A. 1870 Mar. 1.	M. 1877 May 29.	LAWS, WILLIAM GEORGE ..	Winchester Ter., Newcastle-on-Tyne.
M. 1877 May 29.			
A. 1877 Apr. 10.	M. 1878 Apr. 30.	LAWSON, JOHN	43 Rue de Tivoli, Bordeaux.
M. 1878 Apr. 30.			
1868 Mar. 3.		LAYBOURNE, RICHARD	The Firs, Malpas, Newport, Mon.

Date of Election and of Transfer.		MEMBERS.	
A. 1873	Dec. 2.	LEAN, CHARLES	14 Grange Road, Ealing, W.
M. 1877	Nov. 13.	LEAVITT, ERASMUS DARWIN, Jun.	Cambridgeport, Mass., U.S.
	1866 Dec. 7.		
A. 1879	Feb. 4.	LEE, JOSEPH JOHN	L. & N. W. Ry., Huddersfield.
M. 1885	Feb. 3.		
	1853 May 24.	LE FANT, WILLIAM RICHARD ..	Summerhill, Enniskerry.
A. 1872	Dec. 3.	LEGGATT, WILLIAM BENJAMIN ..	27 Ladbroke Grove, Ladbroke Sq., W.
M. 1879	May 27.		
A. 1879	Feb. 4.	LEIGH, ROBERT KENNAWAY ..	Hong Kong.
M. 1889	Feb. 5.		
	1885 Apr. 14.	LE LIEVRE, CHARLES	Govt. Rys., Nanu Oya, Ceylon.
	1883 Jan. 9.	LE MESURIER, WILLIAM HENRY ..	36 Slatery Rd., Birkenhead.
A. 1865	May 23.	LEMON, JAMES	{ 9 Victoria Street, S.W.; and Lans-
M. 1877	Jan. 30.		downe House, Southampton.
A. 1869	Dec. 7.	LESLIE, ALEXANDER, F.R.S.E. ..	72A George Street, Edinburgh.
M. 1873	Dec. 23.	{ LESLIE, Sir BRADFORD, K.C.I.E. }	Tarrangower, Willesden Lane, Bron-
	1872 Jan. 9.	(Member of Council.) }	desbury, N.W. [St., E.C.]
	1890 Dec. 2.	LESLIE, MORICE	W. Watson & Co., 27 Leadenhall
	1878 Mar. 5.	LEVINGE, HARRY CORBYN, B.A. . .	Knock Drin Castle, Mullingar.
	1885 Feb. 3.	LEWIS, GEORGE	Imperial Chams., Albert St., Derby.
	1866 Feb. 6.	LEWIS, WILLIAM BOURNE	15 Victoria Street, S.W.
A. 1865	Mar. 7.	LEWIS, Sir WILLIAM THOMAS ..	Mardy, Aberdare. [Lewis, Aberdare.]
M. 1869	Jan. 19.		
	1862 Jan. 14.	LIGHT, ALEXANDER LUDERS ..	Ch. Eng., Govt. Rys., Quebec, Canada.
	1881 Dec. 6.	LIGHTFOOT, THOMAS BELL ..	{ 35 Queen Victoria Street, E.C.
			[Separator, London.]
	1890 Feb. 4.	LINDENTHAL, GUSTAV	413 Lewis Block, Pittsburgh, U.S.
	1891 Mar. 3.	LINDLEY, JOSEPH	5 Hortensya, Warsaw.
	1881 Feb. 1.	LINDLEY, ROBERT SEARLES ..	Ffynone, Swansea.
	1842 Feb. 1.	LINDLEY, WILLIAM	74 Shooter's Hill Road, S.E.
	1878 May 28.	LINDLEY, WILLIAM HEERLEIN ..	Frankfort-on-Maine.
A. 1880	Dec. 7.	LINDSAY, CHARLES COXHEAD ..	{ 167 St. Vincent Street, Glasgow.
M. 1887	Feb. 22.		[Civilleng, Glasgow.]
A. 1856	Dec. 2.	LINN, ALEXANDER GRAINGER ..	121 Upper Parliament St., Liverpool.
M. 1866	Apr. 24.		
	1882 Apr. 4.	LISBÔA, JOAQUIM MIGUEL RIBEIRO	Post Box 195, Rio de Janeiro.
A. 1871	Mar. 7.	LIST, GEORGE HENRY	North Western Ry., Lahore, India.
M. 1880	Apr. 13.		
A. 1878	Feb. 5.	LIST, JOHN. R.N.R.	{ 3 St. John's Park, Blackheath,
M. 1887	Feb. 1.		S.E.
	1885 May 5.	LITTLE, THOMAS DAVID	Suptg. Eng., P.W.D., Bombay.
	1887 Feb. 1.	LIVESAY, CHARLES EDWARD ..	P.W.D., Berhampore, Bengal.
A. 1869	Dec. 7.	LIVESEY, FRANK	{ So. Met. Gas Co., 709A Old Kent
M. 1883	Dec. 4.		Rd., S.E.
	1872 Mar. 5.	LIVESEY, GEORGE THOMAS ..	5 Camden Park, Tunbridge Wells.
A. 1867	Dec. 3.	LIVESEY, JAMES	{ Broad St. Avenue, Blomfield St.,
M. 1878	Feb. 19.		E.C.
A. 1871	Dec. 5.	LLOYD, EDWARD JOHN	Hatton, Warwick.
M. 1878	Jan. 15.		
A. 1886	May 4.	LLOYD, JOHN ARTHUR DAYRELL ..	So. Indian Ry., Villupuram, Madras.
M. 1891	Jan. 27.		
	1854 Mar. 7.	LLOYD, WILLIAM	19 Finchley Rd., St. John's Wd., N.W.
A. 1875	Jan. 12.	LOBLEY, JOSEPH	Hanley, Staffordshire.
M. 1886	May 11.		
A. 1877	Jan. 16.	LOCKHART, WILLIAM STRONACH ..	67 Granville Park, Blackheath.
M. 1889	Apr. 9.		
A. 1859	May 24.	LOCKWOOD, PHILIP CAUSTON ..	1 Gloucester Place, Brighton.
M. 1874	May 9.		
	1867 Dec. 3.	LOGAN, DAVID	So. Ind. Ry., Trichinopoly, India.
A. 1878	Feb. 5.	{ LOGAN, ROBERT PATRICK TREDEN- }	Francis Street, Dundalk.
M. 1890	Apr. 22.	{ NICK }	{ Teversal, Mansfield. [Longden,
	1887 May 24.	LONGDEN, JOHN ALFRED	Teversal, Alfreton.]

Date of Election and of Transfer.			MEMBERS.		
1856	Feb.	5.	LONGRIDGE, JAMES ATKINSON	..	Greve d'Azette, Jersey.
A. 1874	Mar.	3.	LONGRIDGE, MICHAEL, M.A.	..	{ Linkvretten, Ashley Road, Peel Causeway, Cheshire.
M. 1880	May	11.			
A. 1868	Apr.	7.	LONGSDON, ALFRED	.. ..	9 New Broad St., E.C.
M. 1888	Mar.	6.			
A. 1883	May	29.	LOPES, GEORGE, B.A.	.. ..	L.B. & S.C. Ry., London Bridge, S.E.
M. 1889	Nov.	5.			
1877	Dec.	4.	LOWE, JOHN HENRY	.. ..	Ry. Eng.'s Office, Dunedin, N.Z.
1885	Dec.	1.	LOWE, JOHN LANDOR, B.Sc., A.K.C.	..	Midland Ry., Derby.
1891	Jan.	13.	LOWE, LOUIS JOHN MCKENZIE	..	165 Calle Rivadavia, Buenos Ayres.
1869	May	4.	LÜDERS, FERD. WM. WEGHORST	..	Copenhagen.
1883	Feb.	6.	LUFF, JOHN MIDDLEMISS	..	King, King & Co., Bombay.
1880	Dec.	7.	LUKE, ARTHUR GEORGE, A.K.C.	..	Buena Vista, Frodsham, Cheshire.
1885	Mar.	3.	LUMSDEN, HUGH DAVID	.. ..	7 Homewood Av., Toronto, Canada.
1876	Mar.	7.	LUNDIE, CORNELIUS	.. ..	Rhymney Railway, Cardiff.
A. 1876	Feb.	1.	LUNDIE, GEORGE ARCHIBALD	..	Cardiff.
M. 1879	Mar.	4.			
1887	Dec.	6.	LUNT, JOHN	.. ..	Ry. Dept., Melbourne, Victoria.
1878	May	7.	LUPTON, <i>Professor</i> ARNOLD	.. ..	6 De Grey Rd., Leeds. [Arnold Lupton, Leeds. 330.]
1881	Dec.	6.	LYNCH, FRANCIS JOSEPH	.. ..	Ottawa, Canada. [ton, Leeds. 330.]
A. 1877	Dec.	4.	LYNDE, FRANCIS GASCOIGNE	..	B.B. & C.I. Ry., Eng.'s Dept., Bombay.
M. 1882	May	23.			
A. 1875	May	11.	LYNDE, JAMES HENRY	.. ..	17 Cooper Street, Manchester.
M. 1877	Nov.	27.			
A. 1884	Dec.	2.	LYNN, GRAHAM RIGBY	..	{ Princes Dock Extension Works, Bombay.
M. 1890	May	20.			
1888	Dec.	4.	LYONS, ANDREW OLIVER	.. ..	County Surveyor, Mallow, co. Cork.
1882	Dec.	5.	LYSTER, ANTHONY GEORGE	..	Dockyard, Liverpool.
1858	Dec.	7.	{ LYSTER, GEORGE FOSBERY (<i>Member of Council.</i>)	{ ..	{ Dockyard, Liverpool.
1873	Feb.	4.	MACADAM, PHILIP HENRY	.. ..	Grindlay's, 55 Parliament St., S.W.
1881	Dec.	6.	MCALPINE, JOHN LEONARD	.. ..	27 Somerleyton Rd., Brixton, S.W.
A. 1879	Feb.	4.	MACASSEY, LUKE LIVINGSTON	..	Garfield Chams., Royal Av., Belfast.
M. 1886	Feb.	9.			
A. 1873	May	6.	MACBRIDE, ROBERT KNOX, C.M.G.	..	Kandy, Ceylon.
M. 1879	Nov.	4.			
A. 1883	May	1.	MCALLUM, JAMES BRADDON	..	{ Boro' & Water Engineer, Blackburn. [122.]
M. 1887	Nov.	8.			
A. 1864	Apr.	5.	MCCLEAN, FRANK, M.A.	.. ..	Norfolk Ho., Norfolk St., Strand, W.C.
M. 1867	Dec.	10.			
1867	Dec.	3.	MCCLELLAND, WALTER SIMPSON	..	Jammagar, Kathiawar, India.
1865	Jan.	10.	MCCONNOCHIE, JAMES ADAIR	..	Surrey Com. Docks, Rotherhithe, S.E.
1891	May	5.	MCCORMICK, JOHN MACNEILL	..	Govt. Rys., Hobart, Tasmania.
A. 1882	Feb.	7.	MCCUDDEN, EDMUND GERALD JAMES	..	King, King & Co., Bombay.
M. 1886	Nov.	2.			
1891	Apr.	7.	MCDONALD, ALEXANDER BEITH	..	City Engineer, Glasgow.
1874	Mar.	3.	MCDONALD, ARTHUR HARMAN	..	Tiverton, Devon.
A. 1881	Dec.	6.	MCDONALD, JOHN ALEXANDER	..	{ Roads and Bridges Department, Sydney, N.S.W.
M. 1888	Feb.	28.			
1878	Mar.	5.	MCDONALD, JOHN ALLEN	.. ..	Eng.'s Office, Midland Ry., Derby.
1872	Feb.	6.	MCDONNELL, ALEXANDER	.. ..	28 Victoria Street, S.W.
1877	Dec.	4.	MACDOUGALL, ALAN	.. ..	Rusholme Road, Toronto, Canada.
A. 1875	Feb.	2.	MCDUGALL, NIEL	.. ..	{ Guildhall Chambers, Lloyd St., Man- chester.
M. 1881	Mar.	15.			
1877	May	29.	MACGEORGE, GEORGE WALTER	..	Southover, Castle Hill, Maidenhead.
1879	Apr.	1.	MCGREGOR, JOSIAH	.. ..	78 Queen Victoria Street, E.C.
1867	Dec.	3.	MAGINTYRE, JOHN STEVENSON	..	14 Victoria Street, S.W.
A. 1875	May	4.	MACKENZIE, JOHN BOWER	.. ..
M. 1878	Apr.	30.			

Date of Election and of Transfer.		MEMBERS.	
A. 1866 Jan. 9.	12 Victoria Street, S.W.	McKerrow, Alexander	.. ..
M. 1871 Dec. 5.			
A. 1859 Mar. 1.	9 Bridge St., Westminster, S.W.	McKie, Hugh Unsworth	.. ..
M. 1885 Dec. 1.			
1867 Dec. 3.	Percy House, 15 Percy Circus, W.C.	Mackinlay, John	.. ..
A. 1880 Jan. 13.			
M. 1885 Feb. 24.	Athenæum Club, Sydney, N.S.W.	McKinney, Hugh Giffen	.. ..
1870 Apr. 5.			
A. 1859 May 24.	108 Oxford Gdns., N. Kensington, W.	Mackinnon, Alexander Kendall	.. ..
M. 1878 Apr. 30.	Selsley Lawn, Hales Rd., Cheltenham.	McLandsborough, William	.. ..
A. 1879 May 6.			
M. 1887 May 17.	P.W.D., Mysore, India. [bad, India.	McLaughlin, Frederick James	.. ..
1888 Dec. 4.	Chenab Weir, Kha ké, <i>viâ</i> Wazira-	MacLean, Loudoun Francis	.. ..
1878 May 28.	340 Cooper St., Ottawa, Canada.	{ MacLeod, Henry Augustine FitzGerald .. .. . }	.. ..
1885 May 19.	Waverley, Sydney, N.S.W.	McMordie, David, B.E.	.. ..
A. 1857 Dec. 1.			
M. 1870 May 24.	Douglas, Isle of Man.	Macnair, Alexander Hill	.. ..
1870 Apr. 5.			
1887 Jan. 11.	41 Parliament Street, S.W.	McNay, Thomas Fothergill	.. ..
	{ 3 Victoria Street, S.W. [Macnee, London.]	Macnee, Daniel	.. ..
A. 1884 Dec. 2.	Canadian Pacific Ry., Montreal,	MacPherson, Duncan	.. ..
M. 1891 May 5.	Canada.		
1882 Feb. 7.	107 Princes Street, Edinburgh.	Macrae, John	.. ..
A. 1874 Feb. 3.			
M. 1883 May 29.	Singapore, S.S.	McRitchie, James	.. ..
A. 1870 Dec. 6.			
M. 1878 Feb. 19.	A. Welby, Doveridge, nr. Derby.	Madeley, James Chatburn	.. ..
1873 May 20.	{ 101 Grosvenor Road, S.W. [Screw- cock, London.]	Mair-Rumley, John George	.. ..
1879 Dec. 2.	61 Queen St., Melbourne, Victoria.	Mais, Henry Coathupe	.. ..
1886 Dec. 7.	Northern Counties Ry., Belfast.	Malcolm, Bowman	.. ..
A. 1863 May 5.			
M. 1876 Dec. 5.	Bellerieve, Downshire Sq., Reading.	Mallet, Robert Trefusis	.. ..
1889 Dec. 3.	Railways, Dunedin, N.Z.	Maltby, Thomas Crichton	.. ..
1882 Dec. 5.	1 Albion Place, Leeds.	Mammatt, John Edward	.. ..
A. 1872 Dec. 3.			
M. 1879 May 27.	Arauco Co., 3 Gracechurch St., E.C.	Manby, Edward John Theodore	.. ..
1883 Dec. 4.	Hickie, Borman, & Co., 14 Waterloo Place, S.W.	{ Mance, Sir Henry Christopher, C.I.E. .. .. . }	.. ..
1864 Dec. 6.	Hollington Pk., St. Leonards-on-Sea.	Mann, Godfrey Oates	.. ..
1888 Mar. 6.	Rosslare Harbour, Wexford.	Mann, Isaac John	.. ..
A. 1870 May 24.			
M. 1887 Nov. 8.	12 Lombard Street, Inverness.	Manners, Charles Robert	.. ..
1864 Dec. 6.			
1858 Dec. 7.	9 Bridge Street, Westminster, S.W.	Manning, John Richards	.. ..
1887 May 3.	Office of Public Works, Dublin.	Manning, Robert	.. ..
1889 Dec. 3.	Cairo.	Manoug, Joseph Latif, <i>Bey</i>	.. ..
A. 1859 Apr. 5.	Caixa 152, Rio de Janeiro.	Manseil, Alfred John	.. ..
M. 1873 Dec. 9.	5 Victoria Street, S.W. [Survey, London.]	Mansergh, James	.. ..
1854 Mar. 7.	Senate, Madrid.	(Member of Council.) Marcoartu, H. E. Don Arturo de	.. ..
A. 1847 Mar. 2.			
M. 1860 Jan. 31.	6 Wingfield Vils., Stoke, Devonport.	Margary, Peter John	.. ..
1866 Feb. 6.			
A. 1855 May 1.	Holbeck Hurst, Scarborough.	Marillier, Robert Aspland	.. ..
M. 1863 Feb. 10.			
A. 1877 May 29.	Shortlands, Porthcawl, So. Wales.	Marmont, James	.. ..
M. 1890 Mar. 4.	{ Granston Manor, Abbeyleix, Ireland.	Marsh, Henry	.. ..
1862 Mar. 4.	34 Grosvenor Place, Bath.	Marsh, Thomas Edward Milles	.. ..
1891 Feb. 3.	190 St. Helen's Rd., Swansea.	Marsh, William Sutcliffe	.. ..
1866 Jan. 9.	Hawthorn's Wks., Newcastle-on-Tyne.	Marshall, Francis Carr	.. ..
A. 1877 Feb. 6.	{ Richmond Hill, Edgbaston, Birming- ham. [Augustus, Birmingham.]	Marshall, William Bayley	.. ..
M. 1887 Apr. 19.			

Date of Election and of Transfer.		MEMBERS.		
A. 1845 June 3.	M. 1866 Apr. 10.	MARSHALL, WILLIAM PRIME	..	{ Richmond Hill, Edgbaston, Birmingham. [Augustus, Birmingham.]
A. 1857 Jan. 13.	M. 1877 May 8.			
A. 1852 Apr. 6.	M. 1854 Nov. 21.	MARTEN, EDWARD BINDON	.. ..	Pedmore, near Stourbridge.
1883 Feb. 6.	1875 May 4.			
1881 Apr. 5.	1886 May 18.	MARTEN, HENRY JOIN	.. ..	{ The Birches. Codsall, near Wolverhampton, & 4 Storey's Gate. S.W.
1888 Mar. 20.	1888 Dec. 4.			
A. 1838 Mar. 20.	M. 1858 May 4.	MARTIN, DANIEL FRANCIS	.. ..	Oriental Club, Hanover Square, W.
1888 Dec. 4.	1859 Apr. 5.			
1888 May 15.	1884 Apr. 1.	MARTIN, EDWARD JAMES	.. ..	Grindlay's, 55 Parliament St., S.W.
1886 Feb. 2.	1886 May 18.			
1876 May 2.	1881 Apr. 5.	MARTIN, EDWARD PRITCHARD	.. ..	Dowlais Iron Works, Glamorgan.
1865 Mar. 7.	1886 May 18.			
A. 1877 Feb. 6.	M. 1884 May 6.	MARTIN, FRANCIS WILLIAM	.. ..	Greyouth, N.Z.
M. 1884 May 6.	A. 1870 Dec. 6.			
A. 1870 Dec. 6.	M. 1876 Dec. 5.	MARTIN, HENRY DANIEL	.. ..	Halberry, nr. Newport, I.W.
A. 1882 Apr. 4.	M. 1889 Apr. 30.			
M. 1889 Apr. 30.	1880 Dec. 7.	MARTIN, HENRY WILLIAM	.. ..	Dowlais Iron Works, Glamorgan.
1880 Dec. 7.	1849 Mar. 6.			
1849 Mar. 6.	A. 1871 May 2.	MARTINEAU, WILLIAM	.. ..	6 Great Winchester Street, E.C.
A. 1871 May 2.	M. 1877 Dec. 18.			
M. 1877 Dec. 18.	A. 1873 Jan. 14.	MASON, CLAYTON TURNER	.. ..	Perth, W. Australia.
A. 1873 Jan. 14.	M. 1883 May 29.			
M. 1883 May 29.	A. 1876 May 2.	MASSEY, WILLIAM HENRY	.. ..	{ 25 Queen Anne's Gate, S.W. [Mas-
A. 1876 May 2.	M. 1879 Feb. 4.			
M. 1879 Feb. 4.	1869 Mar. 2.	MATHER, WILLIAM, M.P.	.. ..	sive, London.]
1869 Mar. 2.	A. 1879 Feb. 4.			
A. 1879 Feb. 4.	M. 1891 Mar. 30.	MATHER, WILLIAM, M.P.	.. ..	Salford Ironworks, Manchester.
M. 1891 Mar. 30.	A. 1887 Dec. 6.			
A. 1887 Dec. 6.	M. 1890 Dec. 9.	MATHESON, EWING	.. ..	13 Walbrook, E.C.
M. 1890 Dec. 9.	1863 May 5.			
1863 May 5.	1888 Feb. 7.	MATHEWS, HENRY MONTAGU, C.I.E.	.. ..	Cairo, King Charles Road, Surbiton.
1888 Feb. 7.	A. 1876 May 2.			
A. 1876 May 2.	M. 1880 Apr. 27.	MATTHEWS, THOMAS	.. ..	Trinity House, E.C.
M. 1880 Apr. 27.	1866 May 1.			
1866 May 1.	1883 Dec. 4.	MATTHEWS, WILLIAM	.. ..	9 Victoria Street, S.W.
1883 Dec. 4.	1885 May 5.			
1885 May 5.	1861 Feb. 5.	MATTHEWS, WILLIAM	.. ..	Municipal Offices, Southampton.
1861 Feb. 5.	A. 1879 Dec. 2.			
A. 1879 Dec. 2.	M. 1889 Jan. 29.	MATTOS, ANTONIO GOMES DE	.. ..	98 Rua da Saude, Rio de Janeiro.
M. 1889 Jan. 29.	A. 1875 Feb. 2.			
A. 1875 Feb. 2.	M. 1882 Feb. 14.	MAUDSLAY, HENRY	.. ..	47 Lincoln's Inn Fields, W.C.
M. 1882 Feb. 14.	A. 1870 Dec. 6.			
A. 1870 Dec. 6.	M. 1876 Dec. 5.	MAUDSLAY, WALTER HENRY	.. ..	{ 108 Westminster Bridge Road, S.E. [4681.]
M. 1876 Dec. 5.	A. 1882 Apr. 4.			
A. 1882 Apr. 4.	M. 1889 Apr. 30.	MAXWELL, JOSEPH PRIME	.. ..	Railway Dept., Wellington, N.Z.
M. 1889 Apr. 30.	1880 Dec. 7.			
1880 Dec. 7.	1849 Mar. 6.	MAYLOR, WILLIAM	.. ..	{ Chesterleigh, Albemarle Road, Beckenham.
1849 Mar. 6.	A. 1879 Feb. 4.			
A. 1879 Feb. 4.	M. 1891 Mar. 30.	MAYNARD, HENRY NATHAN	.. ..	13 Victoria Street, S.W.
M. 1891 Mar. 30.	A. 1887 Dec. 6.			
A. 1887 Dec. 6.	M. 1890 Dec. 9.	MEADE, THOMAS DE COURCY	.. ..	Hornsey Local Board, Highgate.
M. 1890 Dec. 9.	1863 May 5.			
1863 May 5.	1888 Feb. 7.	MEADE-KING, WILLIAM OLIVER	.. ..	Ship Canal, Irlam, Manchester.
1888 Feb. 7.	A. 1876 May 2.			
A. 1876 May 2.	M. 1880 Apr. 27.	EVELYN	.. ..	Rio de Janeiro.
M. 1880 Apr. 27.	1866 May 1.			
1866 May 1.	1883 Dec. 4.	MEDEIROS, Captain VIRIATO DE	.. ..	16 Victoria Street, S.W.
1883 Dec. 4.	1885 May 5.			
1885 May 5.	1861 Feb. 5.	MEIK, CHARLES SCOTT	.. ..	Villa mon Caprice, Galatz, Roumania.
1861 Feb. 5.	A. 1879 Dec. 2.			
A. 1879 Dec. 2.	M. 1889 Jan. 29.	MERIC, LEOPOLD DOLLFUS DE	.. ..	Tynemouth, Northumberland.
M. 1889 Jan. 29.	A. 1875 Feb. 2.			
A. 1875 Feb. 2.	M. 1882 Feb. 14.	MESSENT, PHILIP JOHN	.. ..	{ Athenæum Club, Castlereigh Street, Sydney, N.S.W.
M. 1882 Feb. 14.	A. 1870 Dec. 1.			
A. 1870 Dec. 1.	M. 1885 Dec. 1.	MESTAYER, RICHARD LIRON	.. ..	Harbour Works, Port Natal.
M. 1885 Dec. 1.	1863 Mar. 3.			
1863 Mar. 3.	1880 Feb. 3.	METHVEN, CATHCART WILLIAM,	.. ..	[London.]
1880 Feb. 3.	A. 1876 Mar. 7.			
A. 1876 Mar. 7.	M. 1886 Feb. 9.	F.R.S.E.	.. ..	35 Parliament St., S.W. [Appoint,
M. 1886 Feb. 9.	A. 1869 May 11.			
A. 1869 May 11.	M. 1878 Mar. 21.	MIDDLETON, REGINALD EMPSON	.. ..	Eden Cottage, Beckenham.
M. 1878 Mar. 21.	1891 May 12.			
1891 May 12.	1870 Mar. 1.	MIERS, FRANCIS CHARLES	.. ..	Jhalrapatan, Rajputana, India.
1870 Mar. 1.	1862 Apr. 1.			
1862 Apr. 1.		MILES, THOMAS WILLIAM	.. ..	Bosmere Ho., Norwich Rd., Ipswich.
		MILLER, HENRY, JUN.	.. ..	Dock Commission, Ipswich.
		MILLER, THOMAS	.. ..	Mansfield-Woodhouse, Notts.
		MILLS, MANSFELDT HENRY	.. ..	L. C. & D. Ry., Victoria Station, S.W.
		MILLS, WILLIAM	.. ..	Gt. North. Ry., Amiens St., Dublin.
		MILLS, WILLIAM HEMINGWAY	.. ..

Date of Election and of Transfer.		MEMBERS.	
A. 1877	Dec. 4. }	MILSOM, BOSWELL PARKINSON ..	Grindlay, Groom & Co., Bombay.
M. 1889	Nov. 5. }		
A. 1875	Apr. 6. }		
M. 1887	Oct. 25. }		
A. 1881	Mar. 1. }	MITCHELL, JOSEPH	{ Mining Offices, Eldon St., Barnsley. [Mitchells, Barnsley.]
1889	Dec. 3. }	MOBERLY, CHARLES HENRY	13 Belmont Park, Lee, S.E. [India.
		MOLESWORTH, HENRY BRIDGES ..	Chuddeghat, Hyderabad, Deccan,
A. 1854	Mar. 7. }	MOLESWORTH, <i>Sir</i> GUILFORD LINDSAY, K.C.I.E.	17 Victoria Street, S.W.
M. 1862	Nov. 25. }			(Member of Council.)
A. 1872	May 7. }	MOLLETT, FREDERICK HERBERT ..	Correo Cassilla 993, Buenos Ayres.
M. 1887	May 24. }	MONCRIEFF, ALEXANDER BAIN ..	Eng.-in-Chief, Adelaide, S. Australia.
1888	May 1. }	MONCRIEFF, JOSEPH COWAN BAIN	Ry. Station, Adelaide, S. Australia.
A. 1875	Dec. 7. }	MONK, HUGH LEWIN	King, Hamilton & Co., Calcutta.
M. 1890	Nov. 11. }	MONRO, THOMAS	Dept. of Rys. & Canals, Ottawa,
1886	Jan. 12. }	MOORE, ALFRED	2 Ridgfield, Manchester. [Canada.
1866	May 15. }	MOORE, BENJAMIN THEOPHILUS, M.A.	Longwood, Bexley, Kent.
1879	Mar. 4. }	MOORE, EDWARD JAMES	Grindlay & Co., Calcutta.
A. 1880	Dec. 7. }	MOORE, GEORGE EDWARD	Dacca & M. Ry., Mymensing, India.
M. 1884	Oct. 14. }	MOORE, ROBERT	Laclede Building, St. Louis, Mo., U.S.
A. 1880	Dec. 7. }	MOORSOM, LEWIS HENRY	20 Cooper St., Manchester.
M. 1884	Mar. 4. }	MORANT, JOHN HEMPHILL	Nova Cruz Ry., Natal, Brazil.
1888	Jan. 10. }	MORCOM, ALFRED	Ledsam Street Works, Birmingham.
A. 1866	Dec. 4. }	MORE, CHARLES JAMES	{ Thames Conservancy, 41 Trinity Square, E.C.
M. 1879	Apr. 29. }	MOREING, CHARLES ALGERNON ..	{ Suffolk Ho., Laurence Pountney Hill, E.C. [Bewick, London. 1853.]
A. 1881	Dec. 6. }	MORELAND, RICHARD	{ 4 Highbury Quadrant, N. [Expan- sion, London.]
M. 1888	Feb. 7. }		
1869	May 4. }	MORGAN, CHARLES LANGBRIDGE ..	G. E. Ry., Liverpool Street, E.C.
A. 1883	Jan. 9. }	MORGAN, WALTER CAMPBELL DE	Arbutnot & Co., Madras.
M. 1889	Apr. 30. }	MORIARTY, EDWARD ORPEN	The Monastery, Sydney, N.S.W.
A. 1884	Dec. 2. }	MORISON, GEORGE SHATTUCK	51 Delaware Pl., Chicago, Ill., U.S.
M. 1889	May 21. }	MORRIS, DAVID	{ Port Engineer, Manora, Kurrachi, <i>viâ</i> Bombay.
A. 1870	Feb. 1. }	MORRIS, FRANK	Gas Company, Brentford.
M. 1878	Apr. 30. }	MORRIS, THOMAS BACON	65 Pembroke Rd., Dublin.
A. 1870	Mar. 1. }	MORRIS, WILLIAM	Kent Waterworks, Deptford, S.E.
M. 1877	Dec. 11. }	MORRISON, GABRIEL JAMES	Shanghai, China.
A. 1870	Feb. 1. }	MORSING, CARLOS ALBERTO	Rua da Alfandega 6, Rio de Janeiro.
M. 1874	Nov. 17. }	MORTON, ROBERT	32 St. John's Park, Blackheath, S.E.
1883	May 29. }	MORTON, WILLIAM	98 Oxford Gds., N. Kensington, W.
1872	Dec. 3. }	MOSS, ARTHUR SPENCE	Kuala Lumpur, Selangore, S.S.
A. 1879	Feb. 4. }	MOSSE, JAMES ROBERT	Conservative Club, St. James's, S.W.
M. 1888	May 15. }	MOSTYN, ROBERT JOHN COURTENAY	{ Thames Conservancy, 41 Trinity Square, E.C.
A. 1884	Dec. 2. }	MOUNTAIN, ADRIEN CHARLES ..	City Surv., Melbourne, Victoria.
M. 1890	Apr. 29. }	MOYLE, GEORGE	Bengal-Nagpur Rly., Dongargarh, C.P.
A. 1880	Dec. 7. }	MUDD, THOMAS	Greencliffe House, Hartlepool. [India.
M. 1890	Nov. 11. }	MUIR, EDWIN	37 Cross Street, Manchester.
A. 1871	Apr. 4. }	MUIRHEAD, JOHN	{ 23 Regency St., Westminster, S.W. [Regency, London. 3082.]
M. 1877	Nov. 27. }		
1884	May 27. }		

Date of Election and of Transfer.		MEMBERS.	
1888 Feb. 7.		MULVANY, CHRISTOPHER JOHN, B.E.	Coshla, Castlereagh, Ireland.
1891 Mar. 3.		MURRAY, FREDERICK CHARLES ..	P. W. D., Jullundur, Punjab.
A. 1876 Feb. 1.		MYERS, WILLIAM BESWICK	14 Victoria Street, S.W.
M. 1882 Jan. 24.			
1884 Dec. 2.		NAPIER, JAMES MURDOCH	68 York Road, Lambeth, S.E. [W.
1876 Dec. 5.		NAPIER, JOHN	C. Audley Mansions, Grosvenor Sq.
1868 Mar. 3.		NAPIER, WILLIAM HENRY EDWARD	80 Redcliffe Gds., W. Brompton, S.W.
A. 1847 Mar. 2.		NEATE, CHARLES	14 Victoria Street, S.W. [Trigonon,
M. 1859 Mar. 8.]			London.]
1865 Feb. 7.		NETHERSOLE, WILLIAM	36 Maison Dieu Road, Dover.
1858 May 4.		NEUMANN, GEORGE	Honiton, Devon.
A. 1870 Apr. 5.]		NEWBIGGING, THOMAS	5 Norfolk Street, Manchester.
M. 1878 Apr. 30.]			
A. 1857 Feb. 3.]		NEWTON, JOHN	Carlton Bldgs., Manchester.
M. 1868 Mar. 31.]			
A. 1873 Mar. 4.]		NICHOLAS, CHARLES EDWARD ..	Ry. Dept., Sydney, N.S.W.
M. 1880 Mar. 2.]			
A. 1875 Dec. 7.]		NICOLLS, THOMAS JOHN FRANCIS,	14 Bridge St., Glasgow.
M. 1879 Mar. 25.]		A.B.	
1882 Mar. 7.		NIGHTINGALE, WALTER HAWKINS	Bengal Club, Calcutta.
1875 May 4.		NISBET, WILLIAM DAVID	{Queensland Govt. Office, 1 Victoria Street, S.W.
1889 Dec. 3.		NIVEN, THOMAS OGILVIE	131 West Regent St., Glasgow.
1881 Dec. 6.		{NOBLE, Captain ANDREW, C.B.,}	Elswick Works, Newcastle-on-Tyne. [Elswick, Newcastle. S.]
		F.R.S. (late R.A.)	
1883 May 1.		NORDENFELT, THORSTEN	9 Victoria Street, S.W.
A. 1886 Dec. 7.]		NORMAN, CHARLES ERNEST	Ry. Dept., Melbourne, Victoria.
M. 1888 Oct. 30.]			
A. 1883 Dec. 4.]		NORMAN, MATTHEW JAMES JOSEPH	Grindlay's, 55 Parliament St., S.W.
M. 1890 Nov. 25.]		PATRICK	
A. 1877 Feb. 6.]		NYSTRÖMER, CARL AUGUST BERN-	Calle Peru 345, Buenos Ayres.
M. 1883 May 29.]		HARD	
A. 1869 Jan. 9.]		O'CALLAGHAN, FRANCIS LANGFORD,	Grindlay, Groom & Co., Bombay.
M. 1872 Apr. 23.]		C.S.I., C.I.E.	
A. 1876 Apr. 4.]		O'CONNELL, JOHN	Inch House, Kilkenny.
M. 1889 Jan. 15.]			
1880 Apr. 6.		O'CONNOR, CHARLES YELVERTON ..	P.W. Office, Wellington, N.Z.
1879 Apr. 1.		ODLING, CHARLES WILLIAM	Grindlay's, 55 Parliament St., S.W.
1889 Feb. 5.		OLDHAM, ABEL JOHN	1 Park Street, Calcutta.
A. 1871 Dec. 5.]		OLDHAM, ROBERT AUGUSTUS	Châlet des Fleurs, Dinard, France.
M. 1878 Feb. 19.]			
1882 Dec. 5.		OLIVER, EDWARD EMMERSON	H. S. King & Co., 45 Pall Mall, S.W.
A. 1878 Jan. 15.]		OLIVER, HENRY	Govt. Rys., Colombo, Ceylon.
M. 1890 Nov. 25.]			
1878 Apr. 2.		O'MEARA, PATRICK	{Punchard, McTaggart & Co., 151 Cannon Street, E.C.
A. 1875 Dec. 7.]		O'MEARA, THOMAS FRANCIS ..	{Government Railways, Maritzburg, Natal.
M. 1890 May 6.]			
1880 Jan. 13.		O'NEILL, CHARLES	200 Cumberland St., Sydney, N.S.W.
A. 1882 May 23.]		ORANGE, FRANCIS	H. Reilly, 11 Gray's Inn Sq., W.C.
M. 1890 Apr. 15.]			
A. 1882 May 23.]		ORANGE, JAMES	Danby, Leigh & Orange, Hong Kong.
M. 1890 Apr. 15.]			
A. 1873 May 20.]		ORMISTON, GEORGE EDWARD ..	Engineer, Port Trust, Bombay.
M. 1879 Nov. 4.]			
1879 Feb. 4.		ORMSBY, ROBERT DALY	P. W. D., Colombo, Ceylon.
A. 1882 Jan. 10.]		OSBORNE, JAMES	5 Clifton Villas, Truro.
M. 1885 Feb. 10.]			
1865 Apr. 4.		OSBURN, HENRY	24 Cedars Road, Clapham, S.W.
A. 1875 Jan. 12.]		OTTLEY, DREWRY GIFFORD ..	Co. Surveyor, Carrick-on-Shannon.
M. 1885 Nov. 10.]			

Date of Election and of Transfer.		MEMBERS.			
1883 Feb. 6.	OTWAY, JAMES, B.A.	..	..	..	W'ford, Dungarvan & L. Ry., Waterford.
1867 Feb. 5.	OWEN, GEORGE	..	..	..	Cambrian Railways, Oswestry.
1876 Mar. 7.	OWEN, GEORGE WELLS	..	..	..	13 Victoria Street, S.W.
A. 1874 Jan. 13.	OWEN, WILLIAM LANCASTER	..	..	..	{ The Bungalow, Hook, Titchfield, Hants.
M. 1882 Mar. 28.					
A. 1877 May 29.	PACKMAN, JONATHAN	..	..	..	Haling Ho., Waddon Rd., Croydon.
M. 1881 May 24.					
A. 1861 Dec. 3.	PADDON, JOHN BIRCH	..	..	..	Drymma, Neath, Glamorgan.
M. 1871 Nov. 21.					
A. 1875 Feb. 2.	PAGE, GEORGE EDWARD	..	..	..	{ Panmure, St. Mildred's Rd., Lee, S.E.
M. 1891 May 12.					
A. 1870 Feb. 1.	PAIN, ARTHUR CADLICK	..	..	..	12 Victoria Street, S.W.
M. 1877 May 8.	PALLISER, HARRY GEORGE	..	..	..	Ex. Eng., Dharwar, India. { W. H. Porter, National Bank, No. Adelaide, So. Australia.
1884 Dec. 2.					
1887 Apr. 5.	PALMER, CHARLES GEORGE	..	..	..	{ W. H. Porter, National Bank, No. Adelaide, So. Australia.
A. 1870 Dec. 6.	PALMER, GEORGE	..	..	..	Hyderabad, Deccan, India.
M. 1879 Nov. 11.					
1887 May 3.	PARK, JAMES CRAWFORD	..	..	..	Gt. Northern Ry., Dundalk.
1877 Feb. 6.	PARK, JOHN CARTER	..	..	..	68 Priory Road, N.W.
1886 Mar. 2.	PARKER, JOHN DUNLOP	..	..	..	146 West Regent St., Glasgow.
1889 Jan. 8.	PARKER, THOMAS	..	..	..	Gorton House, Gorton, Manchester.
1889 Dec. 3.	PARKER, THOMAS	..	..	..	Newbridge, Wolverhampton.
1883 May 29.	PARKER, WILLIAM	..	..	..	108 Fenchurch Street, E.C.
1877 May 29.	PARKER, WILLIAM HENRY	..	..	..	Grindlay's, 55 Parliament St., S.W.
A. 1882 Mar. 7.	PARKES, BENJAMIN, M.E., F.C.H.	..	..	..	P.W.D., Delhi, India.
M. 1891 May 12.					
A. 1875 May 4.	PARRY, EDWARD	..	..	..	28 Park Row, Nottingham.
M. 1879 Mar. 4.					
A. 1875 Mar. 2.	PARRY, JOSEPH	..	..	..	Municipal Offices, Liverpool.
M. 1887 Feb. 8.					
1873 Dec. 2.	PARSONS, PERCEVAL MOSES	..	..	..	Melbourne House, Blackheath, S.E.
A. 1876 May 30.	PARSONS, Hon. RICHARD CLERE,	..	..	..	{ Oaklea, Wimbledon Park., S.W. B.E.
M. 1883 May 8.					
1874 Mar. 3.	PASKIN, JAMES ALKIN..	..	..	..	Town Hall Chambers, Halifax.
A. 1869 May. 4.	PASSMORE, FRANK BAILEY	..	..	..	11 Queen Victoria Street, E.C.
M. 1879 Feb. 4.					
1867 May 21.	PASSOS, Dr. FRANCISCO PEREIRA	..	..	..	105B Rua das Larangeiras, Rio de Janeiro.
A. 1876 Feb. 1.	PATERSON, MALCOLM McCULLOCH	..	..	..	35 Manor Row, Bradford.
M. 1885 May 5.					
1874 Feb. 3.	PATERSON, MURDOCH	..	..	..	Highland Railway, Inverness.
A. 1852 Feb. 3.	PATERSON, PETER	..	..	..	Estcourt, Weenan County, Natal.
M. 1871 Dec. 19.					
1877 May 1.	PATTERSON, ROBERT CHARLES	..	..	..	Heathfield, Hobart, Tasmania.
1880 May 4.	PAULING, HENRY JOHN	..	..	..	Eng.-in-Chief, Govt. Rys., Cape Town.
A. 1883 May 1.	PAWLEY, RICHARD	..	..	..	Alexandra Dock, Hull.
M. 1889 Jan. 15.					
1875 Feb. 2.	PAYNTER, LINDLEY WILLIAM	..	..	..	3 Marlborough Ter., Worthing.
A. 1887 Apr. 5.	PEACE, GEORGE HENRY	..	..	..	{ Monton Grange, Eccles, Manches- ter.
M. 1889 Dec. 17.					
1884 Mar. 4.	PEACOCK, RALPH	..	..	..	Gorton, Manchester. [Loco, Gorton.
1861 Apr. 9.	PEARCE, JOHN CHARLES	..	..	..	Boston Spa, Tadcaster. [255.]
A. 1874 Apr. 14.	PEARSON, HENRY WILLIAM	..	..	..	Waterworks Office, Bristol.
M. 1886 Nov. 23.					
1884 Dec. 2.	PEARSON, THOMAS WILLIAM..	..	..	..	G.I.P. Ry., Bombay.
1882 Feb. 7.	PEARSON, WILLIAM GREY	..	..	..	97 Cannon Street, E.C.
1871 Mar. 7.	PENDLEBURY, JOHN	..	..	..	{ Newfoundland Ry., 70 Gracechurch St., E.C.
A. 1874 Feb. 3.	PENN, JOHN	..	..	..	Greenwich, S.E.
M. 1880 Jan. 27.					
A. 1885 Feb. 3.	PENNY, EDMUND	..	..	..	P. W. D., Nagpur, C.P., India.
M. 1891 Jan. 13.					

Date of Election and of Transfer.		MEMBERS.	
A. 1874 Jan. 13.}	M. 1885 Feb. 24.}	PERRAM, GEORGE JAMES	P.W.D., Mercara, Coorg, India.
1886 Dec. 7.		PERRY, CHARLES EDWARD	Victoria, British Columbia.
1888 Apr. 10.		PETERS, CHARLES JASPER	P.W.D., Cuddalore, India.
1874 Dec. 1.		PETERSON, PETER ALEXANDER ..	Canadian Pacific Ry., Montreal.
1890 Apr. 1.		PEW, ARTHUR	Talbotton, Georgia, U.S.
1890 Mar. 4.		{ PHELAN, ALFRED BERNARD, L.C.E., B.A.	Irrigation Dept., Dadupur, India.
A. 1873 Feb. 4.}	M. 1883 Apr. 24.}	PHILLIPS, ARTHUR FREDERICK ..	{ Wood Mead, St. Albans. [Phillips, St. Albans.]
1868 Jan. 14.		PHILLIPS, DAVID	Chipping Sodbury, Gloucestershire.
A. 1869 Jan. 12.}	M. 1878 Feb. 26.}	PHIPSON, WILSON WEATHERLEY ..	14 John Street, Adelphi, W.C.
1871 May 2.		PIERCY, ROBERT	8 Drapers Gardens, E.C. [183.]
1880 May 4.		PIHL, CARL	Christiania, Norway.
A. 1856 May 20.}	M. 1860 Jan. 17.}	PILBROW, JAMES	Worthing.
1865 May 23.		PILKINGTON, WOODFORD	Rouse & Co., 130 Fenchurch St., E.C.
A. 1874 May 5.}	M. 1884 Dec. 2.}	PIMENTEL, JOAQUIM GALDINO ..	Rua do Rezende 24, Rio de Janeiro.
1884 May 27.		PINHEIRO, ANTONIO AUGUSTO F..	104 Rua da Alfandega, Rio de Janeiro.
A. 1877 Dec. 4.}	M. 1885 Dec. 8.}	PITT, WALTER	Newark Foundry, Bath.
1885 Dec. 1.		PLATT, JAMES	Atlas Ironworks, Gloucester.
1888 May 15.		PLATT, JOHN	Salford Ironworks, Manchester.
1884 Dec. 2.		PLATTS, JOHN JOSEPH	Waterworks, Odessa, Russia.
A. 1876 May 30.}	M. 1884 Dec. 2.}	PLUNKETT, EDMUND WALTER ..	4 Bishopsgate Street Within, E.C.
A. 1840 Apr. 7.}	M. 1856 Feb. 12.}	POLE, WILLIAM, F.R.S.S.L.&E... (Honorary Secretary)	Athenæum Club, S.W.
A. 1865 May 23.}	M. 1889 Apr. 30.}	PONTIFEX, EDMUND ALFRED	113 Cromwell Road, S.W.
1877 Dec. 4.		POTTER, WILLIAM FURNISS	16 Park Row, Leeds.
1878 Feb. 5.		{ POWNALL, CHARLES ASSHETON WHATELY	{ Government Railways, Tokio, Japan.
A. 1859 May 24.}	M. 1871 Dec. 5.}	PREECE, WILLIAM HENRY, F.R.S. (Member of Council.)	Gothic Lodge, Wimbledon, S.W. [350, London.]
A. 1853 Feb. 1.}	M. 1858 Apr. 27.}	PRENTICE, ALEXANDER	English Rys., Lima, Peru.
A. 1879 May 27.}	M. 1889 May 21.}	PRESTON, ALFRED ELEY	14 The Exchange, Bradford, Yorks.
1867 Dec. 3.		PRESTON, JOHN	69 St. Aubyn's, West Brighton.
1870 Mar. 1.		PRICE, JAMES, M.A.I.	44 Harcourt Street, Dublin.
1888 Dec. 4.		PRICE, JAMES, JUN., B.E.	44 Harcourt Street, Dublin.
1882 Dec. 5.		PRICE, JOHN	6 Osborne Villas, Jesmond-on-Tyne.
1865 Dec. 5.		PRICE, WILLIAM HENRY	{ Chetwynd House, Borrowcup Hill, Lichfield. [London.]
1861 Apr. 9.		PRICE-WILLIAMS, RICHARD	32 Victoria St., S.W. [Spandrel,
A. 1863 Mar. 3.}	M. 1873 Dec. 9.}	PRINCE, HENRY	11 Clanricarde Gardens, W.
1883 May 29.		PRINDLE, FRANKLIN COGSWELL ..	U.S. Navy Yard, Boston, Mass., U.S.
1884 May 6.		PRITCHARD, EDWARD	{ 2 Storey's Gate, S.W., & 37 Waterloo St., B'gham. [Pritchard, B'gham.]
1877 May 29.		PROCTOR, JONAS	Mere Lawn, Bolton.
A. 1868 May 5.}	M. 1876 May 9.}	PROCTOR-SIMS, RICHARD	Bhavnagar, Kathiawar, India.
1878 Jan. 15.		PROVIS, GEORGE STANTON	55 Belvedere Rd., Upper Norwood,
1872 Feb. 6.		PRYCE, DANIEL	The Broom, Raglan, Mon. [S.E.]
1870 Feb. 1.		PURCHAS, SAMUEL GUYON	South Lawn, Worcester.
A. 1883 Jan. 9.}	M. 1890 May 20.}	PURDON, HENRY ATTWEL	Bib-Rambla 19, Granada, Spain.
1860 Feb. 7.		PURSER, EDWARD	Ottoman Railway, Smyrna.

Date of Election and of Transfer.		MEMBERS.	
A. 1873 Feb. 4.}	M. 1879 Jan. 7.}	QUELCH, ROBERT JAMES	66 Bromfelde Road, Clapham, S.W.
1854 May 23.		QUICK, JOSEPH	{ 36 Great George Street, S.W. [Avidity, London.]
1870 Dec. 6.		QUICK, JOSEPH, JUN.	{ 36 Great George Street, S.W. [Avidity, London.]
A. 1875 Dec. 7.}	M. 1882 Mar. 28.}	QUIGLY, RICHARD, M.A.	{ 12 Via Castrafilippo, Palermo, Sicily. [Corleone, Palermo.]
A. 1870 Feb. 1.}	M. 1883 May 22.}	QUINETTE DE ROCHEMONT, <i>Baron</i> EMILE THEODORE.	{ Ingénieur en chef des Ponts et Chaussées, Havre, France.
1863 Mar. 3.		RADFORD, GEORGE KENT	Bible Ho., Astor Place, New York.
1849 Apr. 3.		RADFORD, WILLIAM	1 Princess Street, Manchester.
1876 Apr. 4.		RAMSAY, JAMES	King & Co., 45 Pall Mall, S.W.
1866 Apr. 10.		RAMSBOTTOM, JOHN	Fernhill, Alderley Edge, Cheshire.
1856 Dec. 2.		RAMSDEN, <i>Sir</i> JAMES	Barrow-in-Furness, Lancashire.
1881 Apr. 5.		RAMSDEN, JOHN	15 Alexandra Rd., Bedford.
A. 1864 Mar. 1.}	M. 1877 May 29.}	RANSOME, ALLEN	Stanley Works, Chelsea, S.W. [8578.]
A. 1863 Apr. 14.}	M. 1877 Apr. 17.}	RAPIER, RICHARD CHRISTOPHER ..	9 Victoria Street, S.W. [3012.]
1865 Feb. 7.		RAVENHILL, JOHN RICHARD	Delaford, Iver, Bucks.
A. 1848 Mar. 7.}	M. 1866 Apr. 17.}	RAWLINSON, <i>Sir</i> ROBERT, K.C.B. (<i>Vice-President.</i>)	11 The Boltons, S.W. [Pittsburgh, Pa., U.S.]
1891 Feb. 3.		REA, SAMUEL	Rea, Bros. & Co., P.O. Box 198,
1887 May 24.		REAY, THOMAS PURVIS	Airedale Foundry, Leeds.
G. 1839 Feb. 26.}	M. 1846 Mar. 3.}	REDMAN, JOHN BALDRY	493 New Cross Road, S.E. [Avenue, E.C. [Kalium, Thebes.]
A. 1873 Dec. 2.}	M. 1885 Dec. 1.}	REE, HENRY STRUTT COLLETTE ..	Lake Copais Co., 5 Throgmorton
1870 Mar. 1.}		{ REED, <i>Sir</i> EDWD. JAMES, K.C.B., F.R.S., M.P. (<i>Member of Council.</i>) }	{ Broadway Chambers, West., S.W. [Carnage, London.] [Cardiff.]
1885 Dec. 1.		REES, ITHIEL TREHARNE	Guildhall Chams., Cardiff. [Mining,
A. 1879 Feb. 4.}	M. 1886 May 11.}	REES, TOGARMAN	{ Corn Exchange Chams., Newport, Mon.
A. 1876 Jan. 11.}	M. 1880 Apr. 13.}	REICHENBACH, OSCAR	{ Port Engineer's Off., Rangoon, Burma.
1891 Mar. 3.		REID, ALFRED GEORGE WOOD- WARD, C.M.G.	P. W. D., Ludhiana, Punjab.
1868 Apr. 7.		REID, GEORGE LOWE	33 Montpellier Crescent, Brighton.
1877 Feb. 6.		REID, JAMES	{ 10 Woodside Terrace, Glasgow. [Locomotive, Glasgow.]
A. 1871 Feb. 7.}	M. 1877 Nov. 27.}	REID, ROBERT CARSTAIRS	72A George Street, Edinburgh.
A. 1864 Dec. 6.}	M. 1870 May 10.}	REILLY, <i>Professor</i> CALLCOTT ..	{ Royal Indian Eng. Coll., Staines. [Reilly, Englefield Green.]
1862 May 6.		{ RENDEL, <i>Sir</i> ALEX. MEADOWS, K.C.I.E., M.A. }	{ 8 Great George Street, S.W. [Suk- kur, London. 3052.]
1863 Apr. 14.		RENDEL, GEORGE WIGHTWICK ..	Villa Maraval, Posilipo, Naples.
A. 1882 Feb. 7.}	M. 1888 Nov. 27.}	RENDEL, WILLIAM STUART	8 Great George Street, S.W.
1888 Dec. 4.		RENDELL, ALAN WOOD	State Railway, Kanchrapara, Bengal.
A. 1857 Mar. 3.}	M. 1860 Mar. 6.}	RENNIE, GEORGE BANKS	20 Lowndes Street, S.W.
1886 May 18.		RESTLER, JAMES WILLIAM	S'wark & V'xhall Water Co., Sumner
1858 Apr. 13.		RETORTILLO, ANGEL	Madrid. [St., S.E.]
1889 Feb. 5.		REYNOLDS, EDWARD	River Don Works, Sheffield.
1882 Dec. 4.		{ REYNOLDS, <i>Professor</i> OSBORNE, MA., F.R.S., LL.D. }	Fallowfield, Manchester.
A. 1875 Dec. 7.}	M. 1883 Nov. 6.}	REYNOLDS, PLAYFORD	
A. 1868 Apr. 7.}	M. 1878 Dec. 3.}	REYNOLDS, ROBERT	Grindlay's, 55 Parliament St., S.W.
A. 1873 May 20.}	M. 1876 Nov. 28.}	RHIND, ROBERT HUNTER	21 College Gardens, Belfast.

Date of Election and of Transfer.		MEMBERS.	
	1890 May 6.	RHODES, CHARLES EDWARD ..	Aldwarke Main Colliery, Rotherham.
A. 1871 May 2.	}	RICE, JAMES	South Indian Ry., Madura, Madras.
M. 1883 Nov. 20.			
A. 1878 May 7.	}	RICHARD, HENRY JOSEPH ..	P. W. Secretariat, Rangoon, Burma.
M. 1889 Nov. 15.			
	1881 Apr. 5.	RICHARDS, EDWARD WINDSOR ..	Low Moor Ironworks, Bradford.
	1887 Jan. 11.	RICHARDS, THOMAS	6 Endsleigh Terrace, Tavistock.
	1875 Apr. 6.	RICHARDSON, CHARLES	10 Berkeley Square, Bristol.
A. 1865 Feb. 7.	}	RICHARDSON, JOHN	Methley Park, Leeds.
M. 1879 Feb. 4.			
A. 1872 Dec. 3.	}	RICHARDSON, WILLIAM PELHAM ..	P.W.D., Cawnpore, India.
M. 1887 Oct. 25.			
A. 1879 Mar. 4.	}	RICHES, TOM HURRY	{Taff Vale Railway, Cardiff. [Loco- motive, Cardiff.]}
M. 1882 Jan. 10.			
	1868 Apr. 7.	RICHMOND, DAVID, B.A.	Victoria Pl., Warrenpoint, co. Down.
A. 1885 Jan. 13.	}	RICKARD, PERCY	{Dore & Chinley Ry., Totley Rise, Sheffield.}
M. 1891 Jan. 27.			
A. 1865 May 23.	}	RIDINGS, HENRY SADLEIR, M.A. ...	Nitrate Rys., Iquique, Chili.
M. 1874 Nov. 24.			
A. 1866 Dec. 4.	}	RIDLEY, WILLIAM	{Chester House, Mount Ephraim Rd., Streatham, S.W.}
M. 1874 Nov. 17.			
A. 1876 Feb. 1.	}	RIGBY, JASON, B.A.	{Gt. Western of Brazil Ry., Caixa 114, Pernambuco.}
M. 1883 Mar. 13.			
A. 1872 May 14.	}	RIGG, HENRY	{Supt. Eng., State Ry., Rangoon, Burma.}
M. 1882 Nov. 7.			
	1889 Dec. 3.	RINECKER, FRANCIS	Würzburg, Germany.
	1868 Dec. 1.	ROBERTS, ALFRED	6 Longfield Road, Ealing, W.
A. 1863 Feb. 3.	}	ROBERTS, LEONARD ROBERT ..	226 London Road, Croydon.
M. 1876 Mar. 21.			
	1878 Mar. 5.	ROBERTS, RICH. HENRY LLEWELLIN	Holmwood, Walton Park, Clevedon.
	1854 Mar. 7.	ROBERTS, SAMUEL USSHER, C.B. ..	6 Burlington Road, Dublin.
A. 1870 May 3.	}	ROBERTS, WILLIAM	{Great Western Railway, Mendoza, Argentine Republic.}
M. 1879 Mar. 25.			
A. 1874 Dec. 1.	}	ROBERTSON, FREDERICK EWART ..	East Indian Ry., Calcutta.
M. 1890 Feb. 25.			
A. 1857 Feb. 3.	}	ROBERTSON, GEORGE, F.R.S.E. ..	Athenæum Club, Pall Mall, S.W.
M. 1863 Nov. 17.			
A. 1869 Mar. 2.	}	ROBERTSON, ROBERT ANDREW ..	8 Park Street East, Glasgow.
M. 1878 May 14.			
	1867 Feb. 5.	ROBINS, CHARLES	E. C. Robins, 46 Berners St., W.
A. 1872 May 7.	}	ROBINSON, CHARLES EDWARD ..	Richmond Lodge, Torquay.
M. 1885 Dec. 15.			
A. 1864 Feb. 2.	}	ROBINSON, HENRY	13 Victoria Street, S.W.
M. 1868 Feb. 18.			
A. 1866 Mar. 6.	}	ROBINSON, JOHN	Dock and Railways, Barry, Cardiff.
M. 1872 Apr. 30.			
	1872 Apr. 9.	ROBINSON, JOHN	Westwood Hall, Leek.
A. 1861 May 28.	}	ROBINSON, MURRELL ROBINSON ..	{95 Philbeach Gds., S. Kensington, S.W.}
M. 1870 May 24.			
	1876 Dec. 5.	ROBINSON, ROBERT	Darlington. [Buenos Ayres.
	1875 Dec. 7.	ROBINSON, WILLIAM	Las Toscas, Martinez, F. C. del Norte,
	1870 Dec. 6.	ROBINSON, WILLIAM ROBERT ..	H. S. King & Co., 65 Cornhill, E.C.
	1888 Dec. 4.	ROBSON, RICHARD OSWALD	Stawell, Victoria, Australia.
	1875 May 11.	ROCHE, GEORGE BYLAND	L. C. & D. Ry., Victoria Station, S.W.
	1885 Jan. 13.	ROCHFORD, JOHN	Manuka St., Nelson, N.Z. [London.]
	1878 May 7.	ROFE, HENRY	8 Victoria St., S.W. [Filliter Rofe,
	1878 May 7.	ROFF, GEORGE LENTON	Foster Hill Road, Bedford.
	1884 Jan. 8.	ROSE, FRANCIS ERNEST	P.W.D., Dera Ghazi Khan, India.
	1880 Dec. 7.	ROSE, WILNOT JAMES	Cradoek, Cape Colony.
	1880 May 25.	ROSS, ALEXANDER	M. S. & L. Ry., Manchester.
A. 1847 June 29.	}	ROSS, OWEN CHARLES DALHOUSIE	15 Relf Road, Peckham, S.E.
M. 1868 May 19.			
	1886 Jan. 12.	ROTHERAM, THOMAS FORTH	Loco. Supt. Rys., Wellington, N.Z.

Date of Election and of Transfer.		MEMBERS.	
1860 Apr. 3.	ROUSE, HENRY JAMES	13 Sussex Pl., Regent's Park, N.W.	
1872 May 7.	ROWAN, DAVID	231 Elliot Street, Glasgow.	
A. 1855 Dec. 4.	ROWE, RICHARD REYNOLDS	{ Park House, Cambridge. [Rowe, Parkside, Cambridge.]	
M. 1859 Mar. 29.			
1888 Dec. 4.	ROWLANDSON, CHARLES ARTHUR	{ Mersey Ry., James Street Station, Birkenhead.	
1884 Dec. 2.	ROWLEY, WALTER	{ 74 Albion Street, Leeds. [Walter Rowley, Leeds.]	
1883 Dec. 4.	ROY, MADHUBCHUNDER, B.A. ..	Inspector of Local Works. Dacca,	
A. 1863 Apr. 14.	RUMBALL, ALFRED	5 Victoria Street, S.W. [Bengal.	
M. 1866 Dec. 17.			
A. 1854 May 2.	RUMBALL, THOMAS	{ 8 Union Court Chambers, Old Broad Street, E.C.	
M. 1866 Apr. 10.			
1875 Dec. 7.	RUNDALL, JAMES WILLIAM	Mount Park, Ealing, W.	
1881 Dec. 6.	RUSSELL, JOHN	15 Victoria Street, S.W. [Victoria.	
1886 Apr. 6.	RUSSELL, MACNAMARA	Prell's Bldgs., Collins St., Melbourne,	
1885 Feb. 3.	RUSSELL, NORMAN SCOTT	39 Coleman St., E.C.	
1888 Feb. 7.	RUTTAN, HENRY NORLANDE ..	City Engineer, Winnipeg, Canada.	
1884 May 6.	RYAN, JOHN HENRY, M.A.	{ 3 Lower Merrion St., Dublin. [Mice, Dublin.]	
1887 Dec. 6.	RYAN, ROBERT HENRY	Prospect, Sydney, N.S.W.	
A. 1867 Dec. 3.	RYMER-JONES, THOMAS MANSON ..	50 Southbrook Road, Lee.	
M. 1870 Dec. 6.			
A. 1877 Feb. 6.	ST. GEORGE, PERCIVAL WALTER ..	City Engineer, Montreal, Canada.	
M. 1887 Feb. 1.			
1887 May 24.	SAISE, WALTER, D.Sc.	E. I. Ry., Giridih, Bengal.	
1876 Feb. 1.	SALMOND, THOMAS ROSS	Eng. to Harbour Commrs., Belfast.	
A. 1878 Apr. 2.	SALTER, JOHN	2 Clifton Villas, Launceston.	
M. 1879 Apr. 8.			
1869 May 4.	{ SAMUELSON, Sir BERNHARD, <i>Bart.</i> , F.R.S., M.P.	56 Prince's Gate, S.W.	
1862 Dec. 2.	SAMUELSON, MARTIN	Hull. [Tyne.	
1873 Feb. 4.	SANDEMAN, JOHN WATT	2 St. Nicholas Bldgs., Newcastle-on-	
1881 Feb. 1.	SANDIFORD, CHARLES	N. W. Ry., Lahore, India.	
1882 Dec. 5.	SANTOS, JOSÉ AMERICO DOS ..	Caixa P., Rio de Janeiro.	
A. 1880 May 25.	SAUNDERS, RICHARD JAMES HARRIS	Ceara, Brazil.	
M. 1884 Mar. 4.			
A. 1876 Jan. 11.	SAWYER, ERNEST EDWARD, M.A.	33 Brompton Square, S.W.	
M. 1880 Dec. 21.			
A. 1877 May 29.	SAWYER, FREDERIC HENRY READ	Muelle del Rey, Manila.	
M. 1887 Nov. 15.			
1885 May 19.	SCHENK, AUGUSTUS OSWALD	Ship Canal, 65 King St., Manchester.	
1888 Jan. 10.	SCHIRAM, JOHN RICHARD	17A Great George Street, S.W.	
1891 Feb. 3.	SCHUYLER, JAMES DIX	San Diego, California, U.S.	
A. 1883 Dec. 4.	SCOONES, THOMAS JAMES	8 Unity St., College Green, Bristol.	
M. 1888 Feb. 21.			
1865 Apr. 4.	SCOTT, DEVONSHIRE JACKSON ..	Stanley House, Stanley St., Bedford.	
1888 Mar. 6.	SCOTT, JOHN, C.B.	Cartsdyke, Greenock, N.B.	
1870 May 3.	SCOTT, PETER	S. Mahratta Ry., Dharwar, Bombay.	
1872 May 7.	SCOTT, WALTER HENRY	{ F. C. del Norte, San Engenio, Uruguay.	
1879 Dec. 2.	SCOTT, WILLIAM	{ 12 Flinders St. E., Melbourne, Victoria.	
1891 Feb. 3.	SCOTT, WILLIAM BELLHOUSE ..	{ Eversley Cottage, Middleton, Man- chester.	
A. 1855 Dec. 4.	SCOTT, WILLIAM BOOTH	16 Church Row, Hampstead, N.W.	
M. 1862 Jan. 21.			
A. 1870 Dec. 6.	SCOTT, WILLIAM GEORGE	Central Station, Liverpool.	
M. 1877 Oct. 30.			

Date of Election and of Transfer.		MEMBERS.	
A. 1873 Jan. 14.	}	SCOTT, WILLIAM HENRY	{ 25 St. John's Rd., Toorak, Mel- bourne, Victoria.
M. 1885 Dec. 15.			
1885 Dec. 1.		SEATON, ALBERT EDWARD, Wh. Sc.	{ Earle's Shipbuilding Co., Hull. [Seaton, Earle's, Hull.]
1880 Dec. 7.		SELFE, NORMAN	183 Pitt Street, Sydney, N.S.W.
1884 May 6.		SELLERS, <i>Professor</i> COLEMAN, E. D.	{ 3,301 Baring Street, Philadelphia, U.S.
1887 Dec. 6.		SELLERS, WILLIAM	Philadelphia, U.S.
A. 1851 Dec. 2.	}	SELLS, CHARLES	66 Acre Lane, Brixton, S.W.
M. 1878 Jan. 15.			
1884 Feb. 5.		SENNETT, RICHARD, Wh. Sc.	Tolcarne, Surbiton Hill Park.
1864 Feb. 2.		SEWELL, PHILIP EDWARD	Clare House, Norwich.
A. 1879 Mar. 1.	}	SEYMOUR, GEORGE	13 St. Helen's Place, E.C.
M. 1889 Feb. 26.			
1880 Jan. 13.		SEYRIG, THEOPHILUS	43 Rue de Rome, Paris.
A. 1877 May 29.	}	SHADBOLT, ERNEST IFILL	Grindlay, Groom & Co., Bombay.
M. 1890 Nov. 11.			
A. 1857 Dec. 1.	}	SHAND, JAMES	{ 75 Upper Ground Street, Black- friars, S.E.
M. 1874 Mar. 17.			
A. 1872 May 14.	}	SHANKS, ARTHUR	{ W. Roberts, 44 Breeze Hill, Bootle, Liverpool.
M. 1884 Mar. 11.			
A. 1862 Feb. 4.	}	SHARP, JOSEPH FOX	The Park, Hull.
M. 1876 Jan. 11.			
A. 1877 Dec. 4.	}	SHAW, ARTHUR EDMUND	Woolley & Co., Calle Piedad 345, [Buenos Ayres.
M. 1882 Feb. 14.			
1873 Dec. 2.		SHAW, CYRIL JAMES	Tents Hill, Mells, Frome.
A. 1845 May 6.	}	SHEARS, WILLIAM	{ Bridport, Kempshott Rd., Streatham, S.W.
M. 1877 May 8.			
A. 1856 Apr. 1.	}	SHEILDS, FRANCIS WEBB WENTWORTH-	6 Delahay Street, S.W.
M. 1859 Dec. 6.			
1866 Apr. 10.	{	SHELFORD, WILLIAM	{ 35A Great George Street, S.W. [Usefulness, London.]
A. 1875 Dec. 7.	}	SHERMAN, WILLIAM HANBURY	Grindlay, Groom & Co., Bombay.
M. 1882 Nov. 7.			
1840 Apr. 14.		SHERRARD, JAMES CORRY	7 Oxford Square, Hyde Park, W.
1867 Apr. 2.		SHERVINTON, THOMAS ROBERT	3 Marlboro' Mansns., Victoria St., S.W.
1881 Jan. 11.		SHEWARD, EDWARD GOODMAN	110 Cannon Street, E.C.
A. 1866 Jan. 9.	}	SHIELD, HENRY	Fawcett, Preston, & Co., Liverpool.
M. 1870 Dec. 6.			
A. 1871 Mar. 7.	}	SHIELD, WILLIAM	Admiralty Works, Peterhead, N.B.
M. 1879 Jan. 14.			
1889 May 7.		SHIELD, WILLIAM	8 Church Bldgs, Clapham Com., S.W.
1891 Feb. 3.		SHINN, WILLIAM POWELL	P. O. Box 356, Pittsburgh, Pa., U.S.
A. 1864 Feb. 2.	}	SHOOLBRED, JAMES NELSON, B.A.	1 Victoria Street, S.W.
M. 1876 May 9.			
A. 1877 Dec. 4.	}	SHORES, JOHN WALLIS	Govt. Rys., Maritzburg, Natal.
M. 1890 Mar. 18.			
A. 1850 Feb. 5.	}	SIBLEY, GEORGE, C.I.E.	The Mount, Whitehill, Caterham.
M. 1858 Apr. 13.			
A. 1875 Dec. 7.	}	SIBOLD, ERNEST ALFRED	P.W.D., Multan, Punjab.
M. 1890 Nov. 11.			
A. 1869 Feb. 2.	}	SICCAMA, HARCO THEODORUS HORA	{ 24 Heerengracht, The Hague, Hol- land.
M. 1879 Jan. 28.			
A. 1873 Feb. 4.	}	SIEMENS, ALEXANDER	{ 12 Queen Anne's Gate, S.W. [Sie- mens, London. 3099.]
M. 1890 Nov. 25.			
1870 May 24.		SIEMENS, CARL	{ 12 Queen Anne's Gate, S.W. [Sie- mens, London. 3099.]
A. 1879 Feb. 4.	}	SILVA, DOMINGOS SERGIO DE SABOIA E	Santos, Brazil.
M. 1888 Feb. 14.			
A. 1883 May 1.	}	SIMMONS, JOHN	1 Prince's Street, Doncaster.
M. 1890 Nov. 11.			
1883 May 29.		SIMMS, DAVID	Killaloe, co. Clare.
1881 May 3.		SIMON, FREDERICK	24 Sutherland Gds., Harrow Rd., W.

Date of Election
and of Transfer.

MEMBERS.

1887 Dec. 6.	SIMON, HENRY	.. .. .	{20 Mount St., Manchester. [Reform, Manchester.]
A. 1868 Feb. 4.	SIMPSON, ARTHUR TELFORD	..	38 Parliament St., S.W.
M. 1874 Apr. 14.		..	
A. 1875 Jan. 12.		..	
M. 1888 Jan. 17.	SIMPSON, BENJAMIN CRISPIN	..	{Norwich Chambers, Hunter Street, Sydney, N.S.W.
A. 1864 Jan. 12.	SIMPSON, JAMES CARRINGTON	..	4 Broadway, Westminster, S.W.
M. 1874 Mar. 17.		..	
1885 May 19.	SIMPSON, JAMES THOMAS	.. ..	P.W.D., Shwabo, Upper Burma.
1870 Feb. 1.	SIMPSON, JOHN BELL	.. ..	Hedgefield House, Blaydon-on-Tyne.
1858 Apr. 13.	SINCLAIR, ROBERT	.. ..	17 St. Helen's Place, E.C.
A. 1879 Dec. 2.	SINGLE, JOHN GODFREE	..	7 Morley Street, Plymouth.
M. 1885 Nov. 10.		..	
A. 1876 Mar. 7.	SKETCHLEY, HENRY GOULTON	..	5 Gwendwr Rd., West Kensington, W.
M. 1888 Nov. 27.		..	
A. 1858 Feb. 2.	SLEATER, JOHN MONTGOMERY	..	{B.B. & C.I. Ry. Co., 45 Finsbury Circus, E.C.
M. 1868 Mar. 17.		..	
A. 1861 Dec. 3.	SLESSOR, FREDERICK GEORGE	..	Monkerton Manor, Pinhoe, Exeter.
M. 1865 Jan. 17.		..	
1888 Feb. 7.	SMAIL, JOHN MOORE	.. ..	{Water Supply & Sewerage Dept., Sydney, N.S.W.
1889 Mar. 5.	SMELLIE, HUGH	.. ..	{Caledonian Ry., St. Rollox, Glas- gow.
A. 1882 Dec. 5.	SMIETH, EDMUND CASWELL BOWYER	..	Albury, N.S.W.
M. 1888 Nov. 20.		..	
A. 1876 May 30.	SMITH, ALEXANDER	..	3 Newhall St., Birmingham.
M. 1878 May 14.		..	
A. 1877 Feb. 6.	SMITH, EDWARD BLAKEWAY	..	Etruria, Stoke-on-Trent.
M. 1891 Jan. 27.		..	
A. 1872 May 7.	SMITH, FRANCIS FREDERICK	..	So. I. Ry., Trichinopoly, India.
M. 1879 Nov. 11.		..	
1878 May 28.	SMITH, GERALD EDWARD	.. ..	{St. Anne's, Grosvenor Rd., Bourne- mouth West.
1888 Feb. 7.	SMITH, HAMILTON, JUN.	.. ..	{Exploration Co., 30 St. Swithin's Lane, E.C.
A. 1887 Feb. 1.	SMITH, HENRY BADELEY	..	Victoria, British Columbia.
M. 1889 May 14.		..	
1880 May 25.	SMITH, JAMES THORNELOE	.. ..	The Laurels, Toowoomba, Queens- land.
A. 1874 May 12.	SMITH, JAMES WILLIAM	..	Municipal Office, Bombay.
M. 1889 Mar. 5.		..	
1862 Jan. 14.	SMITH, JOHN CHALONER	.. ..	{Dublin, Wicklw., & Wexford Ry., Bray.
1868 Mar. 3.	SMITH, JOSIAH TIMMIS	.. ..	Rhine Hill, Stratford-on-Avon.
A. 1866 May 1.	SMITH, MARCUS	..	{Dept. of Rys. and Canals, Ottawa, Canada.
M. 1874 May 5.		..	
A. 1872 Dec. 3.	SMITH, RUPERT TURBERVILLE	..	Tettenhall, Wolverhampton.
M. 1878 Apr. 30.		..	
1875 Apr. 6.	SMITH, THOMAS TAYLOR	.. ..	{Heathdale, Gosforth, Newcastle-on- Tyne.
1866 May 15.	SMITH, WILLIAM	.. ..	Countts & Co., 59 Strand, W.C.
1874 Jan. 13.	SMITH, WILLIAM	.. ..	Dover Road, Birkdale, Southport.
1884 Dec. 2.	SMITH, WILLIAM	.. ..	Harbour Engineer, Aberdeen.
A. 1877 Jan. 16.	SMITH, WILLIAM ARCHIBALD	..	{F. C. Puerto Cabello, Valencia, Venezuela.
M. 1889 Jan. 15.		..	
1864 Dec. 6.	SMYTH, WILLIAM STOPFORD	.. ..	Alexandra Dks., Newport, Mon.
1889 Mar. 5.	SMYTHE, THOMAS DIXON	.. ..	Estn. del Baron, Valparaiso, Chili.
A. 1877 Dec. 4.	SNEYD-KYNNERSLEY, HENRY FRANCIS	..	1 St. Mary's Ter., Newcastle-on-Tyne.
M. 1885 Dec. 22.		..	
1883 Mar. 6.	SOARES, JOÃO TEIXEIRA	.. ..	Banco do Commercio, Rio de Janeiro.
1880 Apr. 6.	SOPWITH, ARTHUR	.. ..	Chasetown, Walsall.
A. 1864 Mar. 1.	SOPWITH, THOMAS	..	{6 Great George Street, S.W. [Sop- with, London. 3175.]
M. 1869 Dec. 7.		..	
1875 May 4.	{SPAGNOLETTI, CHARLES PAOLO DIANA	{..	G. W. Ry., Paddington, W.

Date of Election and of Transfer.		MEMBERS.	
1879 Dec. 2.		SPALDING, WILLIAM HENRY	So. Indian Ry., Trichinopoly, India.
1867 Dec. 3.		SPENCER, JOHN FREDERICK	{ 15 Metropolitan Chams., New Broad St., E.C.
A. 1881 Dec. 6.}		SPRING, FRANCIS JOSEPH EDWARD	Kistna Bridge, Bezwada, Madras.
M. 1885 May 19.}			
1889 May 7.		SQUIRE, WILLIAM WILKINSON ..	Port Trust, Bombay.
A. 1882 Feb. 7.}		STABLES, HENRY LEONARD	{ Grande Maison Melas, Athens, Greece.
M. 1885 Feb. 3.}			
A. 1877 Dec. 4.}		STAFFORD, FREDERICK	{ Midland Railway, Perth, Western Australia.
M. 1884 Oct. 14.}			
A. 1874 Feb. 3.}		STANGER, WILLIAM HARRY	{ Broadway Testing Works, West- minster, S.W. [3117.]
M. 1890 Nov. 11.}			
1877 May 29.		STANLEY, HENRY CHARLES	So. & W. Ry., Brisbane, Queensland.
1859 Dec. 6.		STANLEY, WALMSLEY	{ The Knowle, Leigham Court Road, Streatham, S.W.
1860 Dec. 4.		STANTON, JOHN HARRISON	Stubb House, Winston, Darlington.
1883 Dec. 4.		STAUFFER, DAVID MCNEELY ..	12 Tribune Bldg., New York, U.S.
1890 Dec. 2.		STAVELIUS, HYALMAR FREDERICK	{ Eng. Dept., P. W. Office, Buenos Ayres.
A. 1878 Apr. 2.}		STAYTON, GEORGE HENRY	Box 487, G. P. O., Sydney, N.S.W.
M. 1884 Nov. 25.}			
A. 1870 Feb. 1.}		STEAD, WALKER	County Surveyor, Northallerton.
M. 1881 May 3.}			
G. { 1840 Mar. 17.}		STEEL, T. DYNE	Bank Chambers, Newport, Mon.
M. 1864 May 24.}			
A. 1876 May 30.}		STENT, SYDNEY	The Club, Kimberley, C.C.
M. 1883 May 2.}			
A. 1875 Dec. 7.}		STENT, WILLIAM KITSON	{ South Indian Ry., Trichinopoly, Madras.
M. 1889 Nov. 5.}			
1853 May 24.		{ STEPHENSON, GEORGE ROBERT (Past-President.) }	17 Victoria Street, S.W.
1883 Feb. 6.		STEVENS, HENRY WANSBOROUGH ..	Dist. Eng., Mozufferpore, Bengal.
1875 Dec. 7.		STEVENS, WILLIAM	{ Bj�gholm Veile, Oslos, Thisted Amt, N. Jutland.
A. 1887 Feb. 1.}		STEVENSON, CHARLES ALEXANDER, }	84 George Street, Edinburgh.
M. 1891 Apr. 28.}			
A. 1884 May 6.}		STEVENSON, DAVID ALAN, B.Sc., }	84 George Street, Edinburgh.
M. 1886 Dec. 7.}			
A. 1881 Mar. 1.}		STEVENSON, EDMUND HERBERT ..	38 Parliament Street, S.W.
M. 1889 Jan. 22.}			
A. 1881 Mar. 1.}		STEVENSON, FLETCHER WILSON ..	{ United Gas Co., Commercial Street, Sheffield. [Gas, Sheffield.]
M. 1889 Jan. 22.}			
1867 Feb. 5.		STEVENSON, FRANCIS	L. & N. W. Ry., Euston Station, N.W.
A. 1877 Dec. 4.}		STEVENSON, GEORGE ERNEST ..	{ Temple Chambers, Temple Avenue, E.C.
M. 1889 Jan. 22.}			
1882 Feb. 7.		STEWART, ALLAN DUNCAN	89 Philbeach Gardens, S.W.
A. 1868 Jan. 14.}		STEWART, JAMES	Auckland, N.Z.
M. 1877 Mar. 27.}			
1880 May 25.		STEWART, JOHN TIFFIN	P.W.D., Wanganui, N.Z.
1880 Feb. 3.		STEWART, STAIR AGNEW	18 Catherine Place, Bath.
A. 1877 May 29.}		STILEMAN, FRANK	23 Great George Street, S.W.
M. 1883 May 1.}			
1886 Dec. 7.		STIRLING, JAMES	S. E. Ry., Ashford, Kent.
1891 Feb. 3.		STIRLING, MATTHEW	{ Hull & Barnsley Ry., Spring Head, Hull.
1878 May 28.		STIRLING, PATRICK	G. N. Ry., Doncaster.
A. 1855 Mar. 6.}		STOCKMAN, BENJAMIN PRYOR ..	3 Poets Corner, Westminster, S.W.
M. 1880 Feb. 10.}			
1864 Feb. 2.		STONE, CHARLES	Landour, Harcourt Rd., Wallington.
A. 1874 May 5.}		STONE, EDWARD HERBERT, A.K.C.	King, King & Co., Bombay.
M. 1885 Feb. 24.}			
A. 1858 Jan. 12.}		STONEY, BINDON BLOOD, LL.D., F.R.S.	14 Elgin Road, Dublin.
M. 1863 Nov. 17.}			

Date of Election
and of Transfer.

MEMBERS.

1875 May 4.	STONE, EDWARD WALLER, M.E.	Ch. Eng. Office, Madras Ry., Madras.
1883 Mar. 6.	STONE, FRANCIS GOULD MORONY	Waterside Ironworks, Ipswich.
1878 Mar. 5.	STOREY, HENRY FRANCIS	Bolarum, Deccan, India.
1876 Feb. 1.	STORY, JOHN SOMES	Market Place, Derby.
A. 1861 Dec. 3.	STOTHERT, GEORGE KELSON	Steamship Works, Bristol.
M. 1877 Oct. 30.		
A. 1871 Dec. 5.	STRACHAN, JAMES	Municipal Office, Karachi, India.
M. 1882 May 23.	STRAIN, JOHN	{ 154 West George St., Glasgow; and 21 Delahay Street, S.W. [Strain, Glasgow.]
A. 1875 May 4.		
M. 1882 Mar. 7.	STRAPP, JOHN	Claremont Road, Surbiton.
A. 1854 Jan. 10.	STRIDE, ARTHUR LEWIS	{ L. T. & S. Ry., Fenchurch St., E.C. [588.]
M. 1860 Jan. 17.		
A. 1876 May 2.	STROBEL, CHARLES LEWIS	205 La Salle St., Chicago, Ill., U.S.
M. 1877 Nov. 27.		
1889 Apr. 2.	STRONG, EDWARD GRAY	Wytham Lodge, Lennox Rd., Southsea.
1875 Dec. 7.	STRONG, JOSEPH FRANK	65 Goldstone Villas, West Brighton.
1862 Dec. 2.	STRYPE, WILLIAM GEORGE	{ 115 Grafton Street, Dublin. [Strype, Dublin.]
A. 1882 Apr. 4.		
M. 1885 Dec. 1.	STUART, ROBERT HENRY FRED- ERICK	T. Butler, Mannamead, Plymouth.
A. 1880 Dec. 7.	SUTTER, ARCHIBALD	{ 50 Parliament Street, S.W.; and 50 Frederick Street, Edinburgh.
M. 1891 Feb. 3.		
A. 1874 May 5.	SWETTENHAM, WILLIAM NORMAN	Newtown, Montgomeryshire.
M. 1883 Apr. 24.		
1874 May 12.	SWINBURN, JOHN	L. & Y. Ry., Eng.'s Off., Manchester.
A. 1875 Jan. 12.	SWINDELLS, RUPERT	{ Wilton Vil., The Firs, Bowdon, Altrincham.
M. 1884 Jan. 22.		
A. 1877 Feb. 6.	SWINDLEHURST, ROBERT HENRY ..	Town Hall, Bolton.
M. 1885 Dec. 1.		
1879 May 27.	SYKES, BENJAMIN	33 Winckley Sq., Preston. [28.]
A. 1880 Feb. 3.	SYKES, GEORGE HENRY, M.A. ..	17 Albert Square, Clapham, S.W.
M. 1886 Nov. 9.		
A. 1877 May 29.	SYMES, JAMES PAGE	Millwall, E.
M. 1879 May 6.		
A. 1876 Feb. 1.	SYMONS, BRENTON	11 The Parade, Truro.
M. 1887 Nov. 8.		
A. 1883 Feb. 6.	SZLUMPER, ALFRED WEEKS	L. & S.W. Ry., Waterloo Station, S.E.
M. 1890 Apr. 29.		
A. 1864 Dec. 6.	SZLUMPER, JAMES WEEKS	10 Victoria Street, S.W.
M. 1867 May 21.		
A. 1870 Mar. 1.	TAIT, GEORGE HUNTER	20 The Terrace, Greenhithe, Kent.
M. 1876 Dec. 12.		
1862 May 6.	TANNER, JOHN EDWARD	Port of Spain, Trinidad.
A. 1885 Apr. 14.	TARBUTT, PERCY	23 St. Swithin's Lane, E.C.
M. 1888 Dec. 18.		
A. 1873 May 6.	TARGET, JOHN LEWIS FELIX ..	8 Disraeli Rd., Ealing, W.
M. 1880 Mar. 23.		
A. 1870 Apr. 5.	TATAM, EDWARD JOHN	Moulton, Spalding.
M. 1881 Apr. 5.		
A. 1875 Dec. 7.	TATE, JOHN	Karachi, Sind, India.
M. 1879 Nov. 4.		
A. 1887 Jan. 11.	TATTON, REGINALD ARTHUR ..	{ Albert Chambers, Albert Square, Manchester.
M. 1891 Apr. 21.		
A. 1851 Dec. 2.	TAUNTON, JOHN HOOKE	{ Stuart House, Whitehall, Stroud, Gloucestershire.
M. 1858 Feb. 23.		
A. 1881 Feb. 1.	TAYLOR, EDWARD BROUGH	{ 27 Great George Street, S.W. [Waterage, London.]
M. 1890 Feb. 4.		
1881 May 27.	TAYLOR, HENRY ENFIELD	{ 15 Newgate St., Chester. [Enfield Taylor, Chester.]

Date of Election and of Transfer.		MEMBERS.	
A. 1869 Dec. 7.}	M. 1882 Feb. 14.}	TAYLOR, HERBERT ARNAND.. ..	4 Great Winchester Street, E.C.
A. 1848 June 6.}	M. 1869 Dec. 7.}	TAYLOR, JOHN	{27 Great George Street, S.W. [Waterage, London.]
1884 Apr. 1.		TAYLOR, JOHN.. .. .	6 Queen St. Place, E.C. [1828.]
A. 1875 Apr. 6.}	M. 1883 May 22.}	THELWALL, WALTER HAMPDEN ..	53 New Broad Street, E.C.
1867 Jan. 8.		THOMAS, EDWIN	138 Leadenhall Street, E.C.
A. 1875 May 11.}	M. 1880 Nov. 2.}	THOMAS, GEORGE EBENEZER	Hill View, Ashby-de-la-Zouch.
1882 Jan. 10.		THOMAS, GEORGE FARMER	Rev. R. Thomas, Wynberg, Cape
1878 Mar. 5.		THOMAS, HUBERT	21 Surrey Street, Strand, W.C. [Colony.]
A. 1886 Dec. 7.}	M. 1889 Nov. 26.}	THOMAS, JOSEPH	112 Fenchurch Street, E.C.
1881 May 31.		THOMAS, JOSEPH HENRY	Calle Serrano 20, Santiago, Chili.
1874 Dec. 1.		THOMAS, WILLIAM HENRY	15 Parliament Street, S.W.
A. 1882 Feb. 7.}	M. 1887 Feb. 1.}	THOMPSON, ARTHUR MOORE.. ..	L. & N. W. Ry., Crewe.
1878 Mar. 5.		THOMPSON, HENRY MUNGO, B.A... ..	H. S. King & Co., 45 Pall Mall, S.W.
1890 May 6.		THOMPSON, ROBERT	{Metropolitan Gas Co., Melbourne, Victoria.
1867 Feb. 5.		THOMPSON, THOMAS JEFFERSON ..	Sea Point, Rostrevor, Co. Down.
1877 May 29.		THOMPSON, WM. GEO. MACNEILL.. ..	{Canal, Sault Ste. Marie, Ontario Canada.
A. 1874 May 12.}	M. 1882 Nov. 14.}	THOMS, GEORGE EASTLAKE	Knotty Ash, Liverpool.
A. 1871 Apr. 4.}	M. 1885 Feb. 24.}	THOMSON, CAMPBELL	Oodeypore, Rajputana, India.
1889 May 7.		THOMSON, GEORGE HUNTINGTON ..	Room 48, Grand Centr. Stat., New York.
A. 1880 Dec. 7.}	M. 1884 Feb. 26.}	THOMSON, WILLIAM	F.C. Algeciras, Algeciras, Spain. [U.S.]
1870 May 3.		THORNHILL, EDWARD BAYLIES ..	L. & N. W. Ry., Euston, N.W.
1889 Apr. 2.		THORNHILL, JOSEPH HELEN, M.E.	Narora, N.W.P., India.
A. 1882 Feb. 7.}	M. 1887 May 3.}	THORNTON, JOHN MILLER	{Midland and N. E. Rys., Uitenhage, Cape Colony.
A. 1873 Jan. 14.}	M. 1877 Nov. 27.}	THORNYCROFT, JOHN ISAAC	{Eyot Villa, Chiswick Mall. [Thorny- croft, London. 8555.]
A. 1872 May 7.}	M. 1877 Dec. 11.}	THOROWGOOD, FRANK NAPIER ..	Colar, Arterberry Road, Wimbledon.
1890 Dec. 2.		THOW, WILLIAM	Govt. Rys., Sydney, N.S.W.
A. 1886 May 4.}	M. 1889 Jan. 8.}	THROPP, JAMES	27 The Bail, Lincoln.
1882 May 23.		THURSBY, PERCY	Harleston, near Northampton.
1881 Dec. 6.		THURSFIELD, WILLIAM EDWIN ..	Hauptstrasse 18, Hetzendorf, Vienna.
A. 1869 Dec. 7.}	M. 1876 Apr. 4.}	THWAITES, CHRISTOPHER	Beebles, Suffolk.
A. 1887 Dec. 6.}	M. 1889 Nov. 5.}	THWAITES, WILLIAM, M.A.	P. W. D., Melbourne, Victoria.
1875 Feb. 2.		TILL, WILLIAM SPOONER	City Surveyor, Birmingham.
1888 Feb. 7.		TILNEY, JOHN DEANE	Gov. Rys., East London, Cape Colony.
A. 1881 Apr. 5.}	M. 1888 May 8.}	TIMMIS, ILLIUS AUGUSTUS	2 Great George Street, S.W.
A. 1873 Jan. 14.}	M. 1889 Feb. 5.}	TIPLADY, RICHARD	{Bahia & S. Francisco Ry., Bahia, Brazil.
1889 May 7.		TOMKINS, WILLIAM STEELE.. ..	28 Victoria Street, S.W.
A. 1871 Feb. 7.}	M. 1874 Feb. 17.}	TOMLINSON, JOSEPH	64 Priory Road, Kilburn, N.W.
1899 Feb. 4.		TOPP, AUGUSTUS WORTHINGTON ..	Elton House, Aintree, Liverpool.
1884 May 6.		TOWER, BEAUCHAMP	5 Queen Anne's Gate, S.W.
1863 Apr. 14.		TOWNSEND, THOMAS CHARLES ..	
1886 Mar. 2.		TRAILL, THOMAS WILLIAM	16 The Chase, Clapham Com., S.W.
A. 1874 Feb. 3.}	M. 1879 Mar. 25.}	TRENCH, LOUIS, B.A.	{G.W. Ry., Eng.'s Office, Paddington, W.

Date of Election and of Transfer.	MEMBERS.	
A. 1879 Dec. 2. M. 1887 May 10.	TREVITHICK, FRANCIS HENRY ..	{ Imperial Government Rys., Tokio, Japan.
A. 1881 Apr. 5. M. 1891 May 12.	TREVITHICK, FREDERICK HARVEY ..	{ Loco. Supt., Egyptian Railways, Cairo.
1885 May 19.	TREVITHICK, FREDERICK HENRY ..	Madras Ry., Madras.
1885 May 5.	TREVITHICK, RICHARD FRANCIS ..	Imperial Govt. Rys., Kobe, Japan.
A. 1866 Mar. 6. M. 1875 Apr. 27.	TREWBY, GEORGE CARELESS ..	{ Gas Light & Coke Co., Horseferry Road, S.W.
A. 1877 Dec. 4. M. 1883 Nov. 29.	TRIPP, WILLIAM BLOMEFIELD ..	7 Victoria Street, S.W.
1871 Apr. 4.	TRUTCH, <i>Sir</i> JOSEPH WM., K.C.M.G.	Victoria, British Columbia.
A. 1865 Dec. 5. M. 1879 Apr. 1.	TURNER, EDWARD RUSH	St. Peter's Ironworks, Ipswich.
A. 1866 May 15. M. 1877 Jan. 16.	TURNER, WILLIAM BARROW	Ponsonby Hall, Carnforth.
1886 Mar. 2.	TUTHILL, ROBERT REEVES, B.A. ..	3 Mount Avenue, Ealing, W.
A. 1873 Dec. 2. M. 1879 Feb. 25.	TWEDDELL, RALPH HART	{ 14 Delahay Street, Westminster, S.W. [Tweddell, Westminster, London.]
A. 1869 Dec. 7. M. 1879 Feb. 25.	TWIGG, ROBERT HARKNESS	14 Victoria Street, S.W.
1883 Dec. 4.	TYLDEN-WRIGHT, CHARLES	Ashley Grove, Worksop.
1881 Dec. 6.	TYLER, JOHN FRANKLYN	101 Old Road, Blackley, Manchester.
A. 1877 Apr. 10. M. 1880 Mar. 16.	TYRRELL, ARTHUR WILLIAM NAIRNE	1 Victoria Street, S.W.
1885 Feb. 3.	TYRRELL, FREDERICK, <i>Lt.-Col. ret.</i>	East London, C.C.
A. 1880 May 4. M. 1885 Dec. 8.	TYRRELL, LEWIS GORDON	Midland Ry., Jhansi, N.P.W., India.
A. 1865 Dec. 5. M. 1876 Dec. 19.	UNWIN, HOWARD	1 Newton Grove, Bedford Park, W.
A. 1867 Feb. 5. M. 1877 Oct. 30.	UNWIN, <i>Professor</i> WILLIAM CAW- THORNE, B.Sc., F.R.S.	{ 7 Palace Gate Mansions, Kensing- ton, W.
A. 1872 Dec. 3. M. 1879 Nov. 11.	UPCOTT, FREDERICK ROBERT ..	135 Brigstock Rd., Thornton Heath.
A. 1843 May 2. M. 1864 May 10.	UPWARD, ALFRED	150 Holland Road, W.
1887 Mar. 1.	URQUHART, THOMAS	Borisoglebsk, Tamboff Govt., Russia.
1886 Feb. 2.	USSHER, EDGEWORTH RICHARD ..	Dunedin, Otago, N.Z.
A. 1864 Mar. 1. M. 1888 Feb. 14.	UTLEY, SAMUEL	{ 10 Waterhouse St., Halifax, York- shire.
A. 1877 Mar. 6. M. 1886 Mar. 8.	VALENTINE, FREDERICK	Dock Extension Wks., King's Lynn.
1848 May 2.	VALENTINE, JOHN SUTHERLAND ..	8 Campden House Road, W.
1874 May 5.	VALPY, HENRY VALPOT FRANCIS	14 Victoria Street, S.W.
1875 May 4.	VAVASSEUR, JOSIAH	Rothbury, Blackheath Park, S.E.
A. 1866 Mar. 6. M. 1874 Jan. 6.	VAWDREY, WILLIAM	{ 18 Chad Road, Edgbaston, Birming- ham.
1890 Apr. 1.	VECCHIO, ADOLPHO JOSÉ DEL ..	Rua Mercado 10, Rio de Janeiro.
A. 1865 Dec. 5. M. 1871 Dec. 19.	VERNON - HARCOURT, LEVESON FRANCIS, M.A.	{ 6 Queen Anne's Gate, S.W.
1889 Feb. 5.	VICKERS, THOMAS EDWARD ..	River Don Works, Sheffield. [W.C.
1864 Feb. 2.	VIGNOLES, HENRY	Palmer & Nettleship, 4 Trafalgar Sq.,
A. 1879 Dec. 2. M. 1891 Apr. 21.	VINCENT, CLAUDE	{ Under Secretary to Govt., P.W.D., Calcutta.
1864 Jan. 12.	VOSS, HENRY	G. W. Ry., Reading.
A. 1853 Dec. 6. M. 1866 Dec. 17.	WADHAM, EDWARD	Millwood, Dalton-in-Furness.
1887 May 21.	WAINWRIGHT, WILLIAM	S. E. Ry., Ashford, Kent.
A. 1870 May 24. M. 1874 Mar. 10.	WAKE, HENRY HAY	{ River Wear Commission, Sunderland, [126.]

Date of Election and of Transfer.		MEMBERS.	
1878 Mar. 5.		WAKEFIELD, HENRY	11 Adam Street, Adelphi, W.C.
A. 1870 Dec. 6.	}	WAKLEY, THOMAS FINSBURY SEP.	2 Carlton Pl., Cordier Hill, Guernsey.
M. 1879 Feb. 4.		TIMUS	
1875 Dec. 7.		WALCH, GEORGE TURNER	Binny & Co., Madras.
1885 May 19.		WALKER, ARTHUR TANNETT ..	Leeds. [Tannett Walker, Leeds. 515.]
A. 1860 Mar. 6.	}	WALKER, CHARLES RITCHIE ..	58 Windsor Rd., Forest Gate, E.
M. 1881 Apr. 5.		WALKER, FRANCIS BLENNERHASSETT	
1886 Dec. 7.		WALKER, FREDERICK WILLIAM ..	East Coast Ry., Waltair, Madras.
1891 Feb. 3.		WALKER, JAMES, F.R.S.E.	Leeds. [Tannett Walker, Leeds. 515.]
1885 Apr. 14.		WALKER, JAMES PENMAN HUGH ..	Harbour Wks., Douglas, Isle of Man.
1876 Feb. 1.		WALKER, JAMES PENMAN HUGH ..	{T. Mackey, The Diamond, Coleraine, co. Derry.
A. 1868 Feb. 4.	}	WALKER, THOMAS	Town Hall, Croydon.
M. 1888 Dec. 18.		WALL, PHILIP WILLIAM	
1865 May 2.		WALLIS, GEORGE AMBROSE	9 Duke St., Portland Place, W.
A. 1865 Dec. 5.	}	WALLIS, HENRY ELLIS	14 Sea Side Road, Eastbourne.
M. 1877 May 8.		WALLIS, HERBERT	
1875 May 4.		WALLIS, HERBERT	Ship Canal, 65 King St., Manchester.
1880 Jan. 13.		WALMISLEY, ARTHUR THOMAS ..	Grand Trunk Railway, Montreal.
A. 1874 Apr. 14.	}	WALSH, HENRY DEANE, B.E. ..	{9 Victoria Street, S.W. [Workable, London.]
M. 1886 Nov. 2.		WALSH, HENRY DEANE, B.E. ..	
A. 1883 Feb. 6.		WALTON, FRED. THOS. GRANVILLE,	Harbours and Rivers Dept., New-
M. 1889 Nov. 5.		C.I.E.	castle, N.S.W.
1876 Dec. 5.		WALTON, JAMES BIRDSALL	Lucknow, India.
A. 1867 Dec. 3.	}	WALTON, RIENZI GIESMAN	6 Great College Street, S.W.
M. 1881 May 3.		WARD, REGINALD FOSTER	
A. 1872 Feb. 6.	}	WARD, REGINALD FOSTER	{1 Osborne Avenue, Newcastle-on-
M. 1879 Dec. 9.		WARD, REGINALD FOSTER	
A. 1880 Jan. 13.		WARD, REGINALD FOSTER	Tyne.
M. 1882 Nov. 7.		WARD, REGINALD FOSTER	Bewick Rd., Gateshead-on-Tyne.
1887 Dec. 6.		WARD, REGINALD FOSTER	Bewick Rd., Gateshead-on-Tyne.
A. 1858 Feb. 2.	}	WARD, REGINALD FOSTER	Sydney, New South Wales.
M. 1869 Apr. 6.		WARD, REGINALD FOSTER	
1885 Dec. 1.		WARD, REGINALD FOSTER	King, King & Co., Bombay.
1887 Mar. 1.		WARD, REGINALD FOSTER	E. Jumna Canal, Saharanpore, India.
A. 1873 Apr. 1.	}	WARE, CHARLES EDWIN	Gandy Street Chambers, Exeter.
M. 1880 Feb. 17.		WARE, CHARLES EDWIN	
1887 Dec. 6.		WARE, CHARLES EDWIN	18 Abingdon St., Westminster, S.W.
A. 1875 Apr. 6.	}	WARING, CHARLES EDWD. DELANCY	Nanu Oya, Ceylon.
M. 1879 Feb. 18.		WARING, CHARLES EDWD. DELANCY	
1882 Dec. 5.		WARING, CHARLES EDWD. DELANCY	Newport, Rhode Island, U.S.
1872 Dec. 3.		WARING, CHARLES EDWD. DELANCY	127 San Miguel, Palma, Mallorca.
A. 1877 Dec. 4.	}	WARREN, Prof. WILLIAM HENRY,	University, Sydney, N.S.W.
M. 1887 Feb. 8.		WARREN, Prof. WILLIAM HENRY,	
A. 1875 May 4.	}	WATSON, JAMES	{Waterworks Eng., Town Hall, Brad-
M. 1885 Jan. 20.		WATSON, JAMES	
A. 1867 Apr. 2.	}	WATSON, JOHN WILLIAM MITTON .	{Westwood Tower, Bolingbroke Grove, S.W.
M. 1880 Apr. 20.		WATSON, JOHN WILLIAM MITTON .	
A. 1868 Jan. 14.	}	WAWN, CHARLES	{Brunswick Ironworks, Wednesbury. [Shaft, Wednesbury. 9.]
M. 1877 May 8.		WAWN, CHARLES	
1887 May 3.		WAY, ROBERT ATWELL	H. S. King & Co., 45 Pall Mall, S.W.
A. 1865 May 23.	}	WEBB, FRANCIS WILLIAM	L. & N.W. Ry., Crewe.
M. 1872 Dec. 3.		WEBB, FRANCIS WILLIAM	
A. 1857 Mar. 3.		WEBB, FRANCIS WILLIAM	27 Forest Road, Dalston, N.E.
M. 1868 Feb. 4.		WEBB, FRANCIS WILLIAM	27 Forest Road, Dalston, N.E.
A. 1876 Feb. 1.	}	WEBSTER, JOHN	32 Drewton Street, Bradford.
M. 1889 Jan. 29.		WEBSTER, JOHN	
A. 1879 Feb. 4.	}	WEBSTER, JOHN JAMES	67 Lord Street, Liverpool.
M. 1886 May 11.		WEBSTER, JOHN JAMES	
A. 1865 Mar. 7.		WEEDON, FREDERICK MINSHULL ..	30 Elgin Avenue, St. Peter's Pk., W.
M. 1871 Dec. 19.		WEEDON, FREDERICK MINSHULL ..	30 Elgin Avenue, St. Peter's Pk., W.

Date of Election and of Transfer.		MEMBERS.	
A. 1876 Mar. 7.	M. 1890 Jan. 21.	WEEDON, JOHN FRANCIS	Springfield, Oxley, Queensland.
1880 Dec. 7.		WEICHELL, FRANCIS JOHN	18 Auriol Rd., West Kensington, W.
1881 Feb. 1.		WELBY, RICHARD FLINT	P. O. Box 642, Rio de Janeiro.
1875 May 11.		WELLESLEY, GERALD EDWARD	33 Portman Square, W.
1889 Feb. 5.		WELLINGTON, ARTHUR MELLEN	Tribune Building, New York, U.S.
1890 Jan. 14.		WELLS, FREDERICK	Rds. & Bdges. Dept., Sydney, N.S.W.
1881 Dec. 6.		WELLS, JAMES WILLIAM	Olinda, Penge Rd., Beckenham.
1872 May 7.		WELLS, LIONEL BURY	5 John Dalton St., Manchester.
1870 Dec. 6.		WELSH, EDWARD	
A. 1869 Dec. 7.	M. 1891 May 5.	WENDEN, HENRY CHARLES EDWARD	G. I. P. Ry., Bombay.
1866 Dec. 4.		WEST, ARTHUR ANDERSON	{Clyst House, Theydon Bois Road, nr. Epping. [Liverpool.]
1885 Dec. 1.		WEST, HENRY HARTLEY	14 Castle Street, Liverpool. [Referee,
1884 May 6.		WEST, JOHN	Barfield House, Didsbury, Meht.
A. 1872 May 14.	M. 1879 May 27.	WESTERN, CHARLES ROBERT	Broadway Chambers, West, S.W.
1878 Jan. 15.		WESTLAND, DAVID MONRO	135 George Street, Edinburgh.
1861 May 28.		{WESTMACOTT, PERCY GRAHAM BUCHANAN	Benwell Hill, Newcastle-on-Tyne. [Elswick, Newcastle. 8.]
A. 1889 Feb. 5.	M. 1891 May 5.	WESTON, EDMUND BROWNELL	Providence, Rhode Island, U.S.
1877 May 29.		WESTWOOD, JOSEPH	{Napier Yard, Millwall, E. [West- wood, London. 5065.]
1867 Dec. 3.		WHEELER, WILLIAM HENRY	Boston, Lincs. [Wheeler, Boston.]
A. 1872 Apr. 9.	M. 1878 Apr. 30.	WHIPHAM, ARTHUR HENRY	Queen's Square, Middlesbrough.
1862 May 6.		WHITE, CHARLES FITZWILLIAM	High Stakesby, Whitby.
A. 1875 May 11.	M. 1885 Feb. 3.	WHITE, GUILLERMO	{Torromé, Son, & Co., 4 Jeffrey's Sq., St. Mary Axe, E.C.
1881 Mar. 1.		WHITE, HENRY FREDERICK	P.W.D., Rangoon, Burma.
1870 Jan. 11.		WHITE, ROBERT	{66 Belsize Park Gardens, N.W. [Brentesia, London.]
A. 1872 Feb. 6.	M. 1879 Jan. 14.	WHITE, WILLIAM HENRY	Town Hall Buildings, Oxford.
1882 Feb. 7.		{WHITE, WILLIAM HENRY, C.B., F.R.S.	Admiralty, S.W.
A. 1866 Apr. 10.	M. 1874 Dec. 22.	WHITING, JAMES EDWARD, M.A.	P.W.D., Poona, India.
1885 May 5.		WHITTEMORE, DON JUAN	Milwaukee, Wisconsin, U.S.
A. 1871 Apr. 4.	M. 1879 Dec. 23.	WHITTLE, JAMES HENRY	9 New Broad Street, E.C.
1854 May 2.		WHITTON, JOHN	2 Queen Square Place, S.W.
A. 1877 Feb. 6.	M. 1877 Oct. 30.	WHITTY, IRWINE JOHN	92 Breakspear Rd., Brockley, S.E.
1883 May 29.		WHYTE, PETER	Supt.'s Office, Docks, Leith.
1890 May 20.		WICKES, THOMAS HAINES	P. W. D., Allahabad, India.
1889 Feb. 5.		WICKSTEED, JOSEPH HARTLEY	Well House Foundry, Leeds.
A. 1881 Jan. 11.	M. 1890 Nov. 11.	WIKE, CHARLES FROGGATT	{Boro' Surveyor, Bower Spring, Shef- field.
1891 May 5.		WILCOX, ERNEST SHEPLEY	Mersey Ry. Buildings, Liverpool.
A. 1870 Dec. 6.	M. 1879 May 27.	WILKS, CHARLES HENRY	The Residency, Pudukota, Madras.
			{Ferry Works, Thames Ditton, [Willans, Thames-Ditton.]
1886 May 18.		WILLANS, PETER WILLIAM	
A. 1873 May 20.	M. 1880 Feb. 24.	WILLCOCKS, GEORGE WALLER.	R. H. Willcocks, 4 College Hill, E.C.
A. 1885 Dec. 1.	M. 1887 Apr. 19.	WILLCOCKS, WILLIAM	Barrage, near Cairo.
1852 Dec. 7.		WILLET, JOHN	7 Union Terrace, Aberdeen.
A. 1847 June 29.	M. 1864 Jan. 19.	WILLIAMS, ALFRED	18 Great George Street, S.W. [N.S.W.
1891 Apr. 7.		WILLIAMS, ALFRED	Harbours and Rivers Dept., Sydney,

Date of Election and of Transfer.		MEMBERS.	
1860 Feb. 7.	WILLIAMS, EDWARD LEADER ..	{	Eng.'s Off., Ship Canal Co., Man- chester. [Leader, Manchester. 688.]
1879 Mar. 4.	WILLIAMS, GEORGE PHIPPS, B.A.		Christchurch, N.Z.
1878 Feb. 5.	WILLIAMS, JOHN AVERY BRANTON		Waterworks Eng.'s Off., Cardiff.
A. 1871 Mar. 7.}	WILLIAMS, JOHN EVELYN		Witham Office, Boston, Lincolnshire.
M. 1877 Nov. 27.}			
A. 1855 May 22.}	WILLIAMS, MORGAN BRANSBY ..		Killay House, Swansea.
M. 1861 Jan. 15.}			
A. 1885 May 19.}	WILLIAMS, WILLIAM LAWRENCE ..	{	16 Victoria Street, S.W. [Snowdon, London.]
M. 1887 Mar. 8.}			
A. 1877 May 1.}	WILMER, HORACE		G. E. Ry., Stratford.
M. 1888 Jan. 17.}			
1867 Mar. 5.	WILSON, ALLAN	{	Anglo-Vasco-Navarro Ry., 34 Old Broad St., E.C.
A. 1875 Dec. 7.}	WILSON, ARTHUR ROSS	{	Sewerage & Water Works, Benares, India.
M. 1890 Mar. 25.}			
A. 1870 Feb. 1.}	WILSON, EDWARD		17 Victoria Street, S.W.
M. 1880 Mar. 16.}			
A. 1863 Jan. 13.}	WILSON, GEORGE		A. Sauvée, 22 Parliament St., S.W.
M. 1872 Mar. 19.}			
A. 1860 Feb. 7.}	WILSON, JAMES		2 Royal Exchange Buildings, E.C.
M. 1877 May 29.}			
1888 Mar. 6.	WILSON, JAMES		Municipal Buildings, Greenock, N.B.
1878 Mar. 5.	WILSON, JOHN		G. E. Ry., Liverpool St., E.C.
A. 1870 Dec. 6.}	WILSON, JOHN HATTON		14 Roseville St., St. Helier's, Jersey.
M. 1882 Nov. 7.}			
1876 Mar. 7.	WILSON, JOSEPH MILLER		Drexel Bldg., Philadelphia, U.S.
A. 1869 Feb. 2.}	WILSON, JOSEPH WILLIAM		South Tower, Crystal Palace, S.E.
M. 1879 Jan. 14.}			
A. 1875 Dec. 7.}	WILSON, ROBERT	{	7 St. Andrew's Place, Regent's Park, N.W.
M. 1882 May 23.}			
A. 1883 Jan. 9.}	WILSON, ROBERT		13 Victoria Street, S.W.
M. 1886 Dec. 14.}			
A. 1876 Apr. 4.}	WILSON, ROBERT EDWARD		8 Delahay St., Westminster, S.W.
M. 1883 Nov. 13.}			
1886 Dec. 7.	WILSON, WALTER STUART		175 Hope Street, Glasgow.
1849 May 1.	WILSON, WILLIAM		21 Little Queen St., Westr., S.W.
A. 1878 May 7.}	WILSON, WILLIAM JOHN, F.C.H. ..		Grindlay, Groom & Co., Bombay.
M. 1890 May 20.}			
A. 1869 May 4.}	WINBOLT, JOHN STEDDY, M.A. ..		1 Salisbury Villas, Cambridge.
M. 1887 Apr. 26.}			
A. 1866 Apr. 10.}	WINGATE, ROBERT		Ferro Carril Central, Monte Video.
M. 1877 Jan. 16.}			
1886 Dec. 7.	WINTER, GEORGE KIFT		Madras Ry., Arkonam, India.
1859 Feb. 1.	WINTER, THOMAS BRADBURY ..		53 Moorgate Street, E.C.
1888 Dec. 4.	WISE, BERKELEY DEANE		Northern Counties Ry., Belfast.
A. 1877 Feb. 6.}	WISEMAN, WILLIAM		H. S. King & Co., 45 Pall Mall, S.W.
M. 1888 Feb. 14.}			
1884 Mar. 4.	WOLFE, JOHN EDWARD		Alagoas Ry., Maceio, Brazil.
1879 Feb. 4.	WOOD, CHARLES		Tees Ironworks, Middlesbrough.
1878 Apr. 2.	WOOD, CHARLES JOHN		Highshot House, Twickenham.
1868 May 5.	WOOD, JOHN		18 Bank Street, Carlisle.
1880 Feb. 3.	WOOD, LINDSAY		Southill, Chester-le-Street.
A. 1872 Dec. 3.}	WOODALL, CORBET		9 Bridge St., Westr., S.W. [3160.]
M. 1877 Oct. 30.}			
1886 Mar. 2.	WOODALL, HENRY		Mark Hall, Llandudno.
1868 Dec. 1.	WOODBIDGE, GEORGE		North St., Chichester.
1891 Mar. 3.	WOODCOCK, WILLIAM HUGH ..		6 Victoria Street, S.W.
1865 Apr. 4.	WOODFIELD, MATTHEW		42 Castletown Rd., S.W.
1846 Apr. 7.	WOODS, EDWARD (<i>Past-President</i>)	{	6 Victoria Street, S.W. [Boscage, London.]
A. 1866 Dec. 4.}	WOODS, EDWARD HENRY	{	6 Victoria Street, S.W. [Fundum, London.]
M. 1873 May 20.}			
1884 Mar. 4.	WORSDELL, THOMAS WILLIAM ..		Stonycroft, Arnside, Carnforth.

Date of Election and of Transfer.		MEMBERS.	
	1861 Jan. 8.	WORTHINGTON, SAMUEL BARTON ..	33 Princess Street, Manchester.
A. 1880 Jan. 13.	}	WORTHINGTON, WILLIAM BARTON,	{ L. & Y. Ry., Engineer's Office, Manchester.
M. 1884 May 27.		B.Sc.	
	1870 Jan. 11.	WRAGGE, EDMUND	Grand Trunk Ry., Toronto, Canada.
A. 1876 Feb. 1 }	}	WRENCH, JOHN MERVYN	Jhansi, N.W.P., India.
M. 1882 Feb. 7.			
	1884 Mar. 4.	WRIGHT, JAMES WALKER	Grindlay, Groom & Co., Bombay.
	1875 Mar. 2.	WRIGHT, JOHN	Teign View, Newton Abbot.
	1885 Apr. 14.	WRIGHT, <i>Hon.</i> JOHN ARTHUR ..	{ W. Australian Land Co., Albany, Western Australia.
	1884 Mar. 4.	WRIGHT, WILLIAM	Ashridge Ho., Spalding, Lincs.
A. 1859 Jan. 11.	}	WRIGHT, WILLIAM BARTON ..	Cambridge House, Dover.
M. 1869 Dec. 7.			
A. 1869 Dec. 7.	}	WRIGHTSON, THOMAS	Norton Hall, Stockton-on-Tees.
M. 1877 May 29.			
A. 1869 Dec. 7.	}	YARROW, ALFRED FERNANDEZ ..	{ Isle of Dogs, Poplar, E. [Yarrow, London. 5114.]
M. 1879 Nov. 4.			
A. 1853 Dec. 6.	}	YOCKNEY, SAMUEL HANSARD ..	{ 46 Queen Anne's Gate, S.W. [Yock- ney, London.] [ney, London.]
M. 1860 Jan. 31.			
	1876 May 2.	YOCKNEY, SYDNEY WILLIAM ..	46 Queen Anne's Gate, S.W. [Yock-
	1872 Apr. 9.	YOUNG, EDWARD WILLIAM	{ Hallett & Co., 7 St. Martin's Place, W.C.
A. 1865 Apr. 4.	}	YOUNG, JAMES	21 Cambalt Rd., Putney, S.W.
M. 1884 Dec. 23.			
	1886 May 4.	YOUNG, JAMES	Muirhead of Pitcullo, Dairsie, Cupar,
	1874 Dec. 1.	YOUNG, JOHN BROWN	4GreenhillTer.,Edinburgh.[Fife,N.E.
A. 1876 Dec. 5.	}	YOURDI, GEORGE NICHOLAS, B.E.	Cotherstone, nr. Barnard Castle.
M. 1884 Jan. 8.			
	1887 May 24.	ZEAL, WILLIAM AUSTIN	{ 5 St. James's Buildings, William St., Melbourne, Victoria.

Total number of Members 1,749.

ASSOCIATE MEMBERS.

[Assoc. M. Inst. C.E.]

N.B. *Those elected prior to the 2nd of December, 1878, have been transferred into this class by the Council.*

Date of Election.	ASSOCIATE MEMBERS.	
1880 May 4.	ABBEY, JOE BURMAN	28 John William St., Huddersfield.
1885 Dec. 1.	ABBOTT, WILLIAM SUTHERLAND ..	Alagôas Ry., Maceio, Brazil.
1880 Mar. 2.	ABERCROMBIE, FRANCIS	J. Abercrombie, 23 Up. Wimpole St., W.
1885 Apr. 14.	ABERNETHY, HAROLD WILLIAM ..	4 Delahay Street, Westminster, S.W.
1890 May 20.	ABRAHAMS, GEORGE EDWARD ..	Argyll Ho., Smallheath, Birmingham.
1883 May 29.	ABURROW, CHARLES	{ Commercial Buildings, Johannes- burg, Transvaal. [W.]
1877 Feb. 6.	ACKERMANN, ADOLPHUS WILLIAM ..	122 Sinclair Rd., West Kensington,
1877 Dec. 4.	ACLAND, LAWFORD MACLEAN ..	P. W. Department, Ceylon.
1889 Feb. 5.	À COURT, SIDNEY	6 Q. Anne's Gate, S.W. [Bacillus,
1877 Dec. 4.	ACTON, WILLIAM RICHARD	Moss Side, nr. M'chester. [London.]
1887 Mar. 1.	ADAM, JAMES, F.C.H.	King, King & Co., Bombay.
1879 Feb. 4.	ADAMES, CORNELIUS GEORGE ..	Pembroke Ho., London Rd., Portsm'th.
1883 Jan. 9.	ADAMS, THOMAS	North Staffs. Ry., Stoke-on-Trent.
1887 May 3.	ADAMSON, MICHAEL	Royal Victoria Dock, E.
1889 Apr. 2.	ADCOCK, CHARLES	3 Norfolk Road, Horsham.
1889 Dec. 3.	ADDIS, FREDERICK HENRY ..	Rajputana-Malwa Ry., Ajmere, India.
1880 Dec. 7.	ADDISON, PERCY LEONARD ..	Cleator, Carnforth. [Addison, Cleator.]
1862 Apr. 1.	ADLEY, CHARLES COLES	Highfield House, Lapford, N. Devon.
1889 Dec. 3.	AGNEW, SAMUEL HEWETT ..	40 Gresham Road, Brixton, S.W.
1890 Feb. 4.	AINSWORTH, ALFRED EDWARD ..	Eng.'s Office, Midland Ry., Derby.
1873 Dec. 2.	AIREY, THOMAS	Linton View, Lancaster Road, Har-
1887 May 24.	AKBAR, ALI	Jacobabad, Sind, India. [rogate.
1883 May 29.	ALBRIGHT, JOHN FRANCIS ..	Savernake Lodge, Chelmsford.
1883 Mar. 6.	ALDRIDGE, JAMES GEORGE WILLCOX	9 Victoria Street, S.W.
1889 Dec. 3.	ALLAN, JOHN FREDERICK ..	158 Calle Chacabuco, Buenos Ayres.
1890 May 20.	ALLAN, PERCY	Roads and Bridges Dept., Sydney.
1879 Mar. 4.	ALLAN, THOMAS ALEXANDER ..	Tharsis Co., Huelva, Spain. [N.S.W.
1878 May 7.	ALLEN, ALFRED, Jun.	12 City Road, E.C.
1883 Feb. 6.	ALLEN, GEORGE THOMAS ..	17 Bridge Rd. West, Battersea, S.W.
1884 Feb. 5.	ALLEN, HORACE	{ Martinez Rivas & Palmer, Steel Works, Bilbao, Spain.
1872 Dec. 3.	ALLEN, JOHN ROMILLY	5 Albert Ter., Regent's Pk., N.W.
1889 Dec. 3.	ALLEN, PARKER ROSCOE ..	P.W.D., Vayitri, Madras.
1881 Apr. 5.	ALLEN, PERCY RUSKIN	Woodberrie Hill, Loughton, Essex.
1885 Dec. 1.	ALLEN, WILLIAM MILWARD ..	{ 199 High St., Chorlton-on-Medlock, Manchester.
1879 Dec. 2.	ALLIES, EDWARD HALL	3 Lodge Place, St. John's Wood, N.W.
1885 Dec. 1.	ALLIMAN, FRANÇOIS ALBERT LOUIS ..	{ Vasehjewskÿ Ostrov, 4th Line, House 21, Room 15, St. Petersburg.
1882 Feb. 7.	ALLMANN, CLEMENS XAVER JULIUS ..	{ 70 Deansgate, Manchester. [All- mann, Manchester.]
1891 Jan. 13.	ALLPORT, DOUGLAS, JUN.	4 Marlboro' Crescent, Chiswick, W.
1880 Apr. 6.	ALLSOP, JOHN	Workshop. [Sheffield.
1886 Feb. 2.	ALSING, GUSTAVE VALENTINE ..	St. Paul's Chambers, Norfolk St.,

Date of
Election.

ASSOCIATE MEMBERS.

1885 Apr. 14.	AMOR, JUSTIN VICTOR WILFRID ..	Apartado de Correo 214, Mexico.
1890 May 6.	ANDERSON, ARTHUR ROBERT	So. Mahratta Ry., Dharwar, Bombay.
1883 Dec. 4.	ANDERSON, EDWARD WILLIAM	Roydon Lodge, Erith, Kent.
1883 Dec. 4.	ANDERSON, GEORGE GRAY	1755 Larimer St., Denver, Colo. U.S.
1885 May 19.	ANDERSON, HERBERT WILLIAM	Halling, near Rochester. [vaal.
1889 May 7.	ANDERSON, JAMES	P.O. Box 292, Johannesburg, Trans-
1888 May 1.	ANDERSON, JAMES HENRY	Eng.'s Off., N. B. Ry., Edinburgh.
1881 Apr. 5.	ANDERSON, JOHN	Town Hall, Montrose.
1888 May 1.	ANDERSON, JOSEPH	Dock St., Wellington, N.Z.
1890 Dec. 2.	ANDERSON, JOSHUA THOMAS NOBLE, B.E.	{ Victorian Water Supply Dept., Mel-
1885 Mar. 3.	ANDERSON, ROBERT	bourne.
1889 Dec. 3.	ANDERSON, ROBERT BRUCE, A.K.C. ..	F. C. Interocéanico, Puebla, Mexico.
1887 Feb. 1.	{ ANDERSON, ROBERT OGILVIE NEWTON, } B.E.	35A Great George Street, S.W.
1881 May 3.	ANDERSON, ROBERT SANDERS	G.P.O., Melbourne, Victoria.
1884 Dec. 2.	ANDERSON, THOMAS	County Surveyor, Peebles, N.B.
1879 Feb. 4.	ANDERSON, WILLIAM	Government Dockyard, Calcutta.
1875 May 11.	ANDRÉ, GEORGE GUILLAUME	City Engineer, Auckland, N.Z.
1885 Apr. 14.	ANDREWS, JOSEPH DEVONPORT FINNEY	Dorking.
1889 Dec. 3.	ANDREWS, SAMUEL GEORGE THORNTON	41 Parliament Street, S.W.
1888 Dec. 4.	ANDREWS, WILLIAM WALLACE	Cefn Eithen, Swansea.
1883 Mar. 6.	ANGELL, JOHN ALEXANDER	Beulah Rd., Norwood, So. Australia.
1886 Dec. 7.	ANGOVE, WILLIAM HENRY	West Ham Local Board, E.
1882 Dec. 5.	ANGUS, DAVID	Albany, W. Australia.
1887 Feb. 1.	ANGUS, JONATHAN	F. C. Central, Villa Rica, Paraguay.
1861 Dec. 3.	ANLEY, JAMES LEMPRIERE	7 Dafforne Rd., Upper Tooting, S.W.
1885 Dec. 1.	ANNINGSON, WILLIAM PHILLIPSON ..	Oakley, Cheltenham.
1875 Dec. 7.	ANSON, FREDERICK HENRY, M.A. ..	Thrunsoce, Cleethorpes, Grimsby.
1875 Feb. 2.	ANSTEY, HARRY	15 Dean's Yard, S.W.
1870 Apr. 5.	ANSTIE, JOHN, B.A.	{ R. H. Borradaile, Tandridge Priory,
1881 Apr. 5.	ANTILL, BENJAMIN HILLIER	Oxted, Surrey.
1890 Dec. 2.	APPLEBY, FRANK JAMES	17 Victoria Street, S.W.
1890 Apr. 1.	APPLEBY, PERCY VAVASSEUR	12 Queen Anne's Gate, S.W.
1890 May 20.	ARCHER, OAKELEY	{ Balmer, Lawrie & Co., 103 Clive St.,
1883 May 1.	ARGENTI, EDUARDO	Calcutta.
1891 Feb. 3.	ARMER, JAMES	Mill Ho., Dean's Rd., Colombo, Ceylon.
1882 May 23.	ARMISTEAD, RICHARD	Ry. Dept., Melbourne, Victoria.
1890 Apr. 1.	ARMITAGE, CHARLES	Plaza de las Cortes 8, Madrid.
1869 Dec. 7.	{ ARMSTRONG, Prof. GEO. FREDERICK, } M.A., F.R.S.E.	11 Queen Street Place, E.C.
1884 Dec. 2.	{ ARMSTRONG, LAWRENCE HENNESSEY } CLUBBY	Main Street, Bingley.
1878 Feb. 5.	ARNEIL, JAMES ABRAM	Gas Works, Lancaster.
1890 Dec. 2.	ARNOLD, THOMAS	{ The University, Edinburgh.
1891 Jan. 13.	ARNOT, WILLIAM	Sind Sagar Ry., Mahmoodkote, India.
1891 May 12.	AROCENA, CARLOS ALBERTO	{ Atherfield, Park Road, Portswood,
1881 Feb. 1.	ARROW, JAMES THOMAS	Southampton.
1876 Apr. 4.	ARTEAGA, RODOLFO DE, A.K.C. ..	19 John St., Llanelly. [W.C.
1881 Dec. 6.	ARTINGSTALL, SAMUEL GEORGE ..	County Council, 42 Cranbourne St.,
1887 May 3.	ASH, HERBERT RICHARD FRANCIS ..	Calle de Piedras 163, Monte Video.
1874 Apr. 14.	ASHBURY, THOMAS	Eng. Dept., Govt. Off., Adelaide.
1885 Apr. 14.	ASHCROFT, ANDREW GEORGE	72 Calle Buenos Ayres, Monte Video.
1873 May 6.	ASHHURST, FRANCIS HENRY	28 Rialto Buildings, Chicago, U.S.
1886 Apr. 6.	ASHPITEL, FRANCIS WILLIAM	P.W.D., Amraoti, East Berar, India.
1890 Feb. 4.	ASHWELL, HARRY	{ 5 Market Street, Manchester.
1890 Dec. 2.	ATHIM, SAMUEL	[Thomas Ashbury, Manchester.]
1886 Dec. 7.	ATKINS, ALFRED	29 Groombridge Road, S. Hackney.
		24 Cardigan Rd., Richmond, Surrey.
		Parry & Co., Madras.
		{ Higher House, Lostock Park,
		Bolton.
		P.W.D., Orai, N.W.P., India.
		Wanganui, N.Z.

Date of Election.		ASSOCIATE MEMBERS.			
1885	Mar. 3.	ATKINSON, ALFRED	Brigg, Lines.	[Harrow Rd., W	
1891	Feb. 3.	ATKINSON, CLAUDE WILLIAM, A.K.C.	Goolden & Co., Woodfield Road.,		
1885	Feb. 3.	ATKINSON, JOHN	Boro' Surveyor, Stockport. [Rd., W.		
1888	Dec. 4.	ATKINSON, LLEWELYN BIRCHALL, A.K.C.	Goolden & Co., Woodfield Rd., Harrow		
1880	Dec. 7.	ATKINSON, ROBERT PHILIP	{ Maynard, Harris & Co., 126 Leadenhall		
			Street, E.C.		
1888	Dec. 4.	ATTARD, WALTER	41 Strada Britannica Vittoriosa, Malta.		
1878	Feb. 5.	ATTWOOD, GEORGE	18 St. Swithin's Lane, E.C. [Wolverly,		
1879	Feb. 4.	AUBREY, WILLIAM HENRY	St. Mawes, Cornwall. [London.]		
1891	Mar. 3.	AUDEN, ARTHUR CHARLES	Unity Ironworks, Baker's Row, E.		
1884	Dec. 2.	AUSTEN, GEORGE IDEN	Panasofkee, Sumter Co., Florida, U.S.		
1888	Mar. 6.	AUSTIN, ALBERT ERNEST	Minas and Rio Ry., Cruzeiro, Brazil.		
1873	Dec. 2.	AUSTIN, EDWARD ROBERT	Strangeways Ironworks, Manchester.		
1883	Apr. 3.	AUSTIN, HARRY KENNETH	Saltley Works, nr. Birmingham.		
1885	May 19.	AUSTIN, RUSSELL GARDENER	P.O. Box 1061, Johannesburg, Trans-		
1882	May 23.	AVELING, THOMAS LAKE	Boley Hill House, Rochester. [vaal.		
1883	May 29.	AYRE, ANDREW FAWCETT	P.W.D., Singapore, S.S.		
1888	Dec. 4.	AYRES, PHILIP PORT	F. C. Alcoy, Gandia, Spain.		
1886	May 18.	AYRIS, HENRY CROWQUILL	11 Bramshill Rd., Harlesden, N.W.		
1879	Feb. 4.	{ AYRTON, Professor WILLIAM EDWARD, } F.R.S.	{ City and Guilds of London Inst., Exhibition Rd., S.W.		
1885	Apr. 14.	AYTOUN, ROBERT	16 Albemarle Cres., Scarborough.		
1886	Mar. 2.	BAASS, JAMES RANSON	Roundhill House, Sydenham, S.E.		
1887	Dec. 6.	BACH, FREDERICK WILLIAM	46 Bassett Rd., North Kensington, W.		
1890	Dec. 2.	BACH, JOHN EDMUND	21 Castle St., Cardiff.		
1886	Dec. 7.	BAGCHI, MOHENDRO NATH	Dist. Eng., Furreedpore, Bengal.		
1888	Mar. 6.	BAGGS, EDWIN, Wh. Sc.	3 Walcot Parade, Bath.		
1886	Apr. 6.	BAGSHAW, FREDERICK THEODORE	22 Seafield Villas, W. Brighton.		
1887	May 24.	BAILES, WALTER HENRY	{ L. B. & S. C. Ry., Eng.'s Office, London Bridge, S.E.		
1889	Dec. 3.	BAILEY, FRANK	{ Metropolitan Electric Supply Co., 4 Waterloo Place, S.W.		
1875	Dec. 7.	BAILEY, WILFRED	19 Park Crescent, Brighton.		
1889	Mar. 5.	BAILLIE, JAMES PICTON	Engineering Co., Cardigan.		
1874	Dec. 1.	BAIN, DONALD BARLOW	186 Croydon Rd., Anerley, S.E.		
1877	Feb. 6.	BAIN, THOMAS CHARLES JOHN	Woodside, Rondebosch, Cape Town.		
1887	Dec. 6.	BAIRD, FRANK OSBORNE	Murray Lodge, Portobello, N.B.		
1881	Dec. 6.	BAKER, CHARLES JOHN SEYMOUR	N.W. Ry., Sharigh, India. [Norwich.		
1889	Jan. 8.	BAKER, EARNEST WHEATSTONE	Holmes & Sons, Castle Meadow,		
1882	May 23.	BAKER, EDWARD	{ Stoneleigh, Eastern Avenue, Read- ing. [Baker, Gas, Reading.]		
1881	Dec. 6.	BAKER, JOHN BECKETT	Club de Estrangeros, Buenos Ayres.		
G. 1841 May 11. } A. 1867 Mar. 26. }		BAKER, WILLIAM LEWIS	Hargrave, St. Neots, Hunts.		
1880	Apr. 6.	BALDWIN, ARTHUR ERNEST, A.K.C.	Dock Works, Milford.		
1873	Feb. 4.	BALDWIN, JOHN	Ernesbrake, Southend-on-Sea.		
1884	Jan. 8.	BALE, MANFRED POWIS	Appold Street, Finsbury, E.C.		
1878	May 7.	BALL, JOHN BRAMLEY	Gasworks, Loughborough. [Lahore.		
1883	Dec. 4.	BALMOKAND, Lala	Lala Shamba Dass, Said Mitha,		
1874	Jan. 13.	BAMBER, ARTHUR LLOYD COCHRANE	Waresly Lodge, Cheltenham.		
1875	Dec. 7.	BAMBER, EDWARD FISHER	12 Queen Anne's Gate, S.W.		
1891	Mar. 3.	BANDYOPADHYAY, KRISHNACHANDRA	P. W. D., Chittagong, Bengal.		
1891	Apr. 7.	BANKS, CHARLES	Oamaru, New Zealand.		
1891	Jan. 13.	BANKS, EDWARD NEVILL	10 Chichester St., Belfast.		
1891	May 5.	BANKS, JAMES WHITE, B.E.	475 Bourke St., Melbourne, Victoria.		
1888	Dec. 4.	BANKS, JOHN	Carlyle Ter., Great Lever, Bolton.		
1890	May 20.	BANKS, WALTER	20 Short St., Heaton Norris, Stockport.		
1890	Feb. 4.	BANNISTER, MAUNSEL CASWELL	6 West Seacombe Ter., Seacombe.		
1877	Dec. 4.	BARBENSON, ROBERT THOMAS OLLIVIER	Alderney, Channel Islands.		
1884	Feb. 5.	BARCLAY, ARTHUR	3 Castle St. East, Oxford St., W		
1885	Dec. 1.	{ BARFIELD, SAMUEL GEORGE HERBERT, } D.Sc.	{ Ferro Carril del Sud, Buenos Ayres.		

Date of
Election.

ASSOCIATE MEMBERS.

1875 Jan. 12.	BARHAM, THOMAS	.. .. .	{ Wilton Vil., Truro Rd., Bowes Park, N.
1890 Mar. 4.	BARKER, RAYNER CHILDE, C.I.E.	.. .. .	Telegraph Dept., Quetta, Beluchistan.
1880 May 4.	BARLOW, EDWIN SYDNEY	.. .. .	Waterworks Off., Town Hall, Brad-
1891 Feb. 3.	BARNARD, HENRY CUTHBERT	.. .. .	Perak State Ry., Perak, S.S. [ford.
1890 May 6.	BARNARD, ROBERT CARY HENSLOW	.. .. .	G. I. P. Ry., Bombay.
1888 Dec. 4.	BARNES, CHARLES ARTHUR ALBERT	.. .. .	1 Grove Hill, Lordship Lane, S.E.
1891 Feb. 3.	BARNES, ROBERT	.. .. .	King, King & Co., Bombay.
1887 Dec. 6.	BARNES, ROBERT SAMUEL WEMYSS	.. .. .	Victoria Club, Maritzburgh, Natal.
1884 Feb. 5.	BARNETT, CHARLES WILLIAM	.. .. .	{ Logan's Bldgs., Beech St., Penang, S.S.
1885 Feb. 3.	BARNETT, JOHN DAVIS	.. .. .	G. T. Ry., Stratford, Ont., Canada.
1874 Feb. 3.	BARRATT, HENRY	.. .. .	85 New Street, Altrincham.
1887 Jan. 11.	BARRATT, JAMES	.. .. .	{ Baxter & Saddler, 14 Market Bldgs., Flinders Lane, Melbourne, Victoria.
1886 Dec. 7.	BARRATT, THOMAS BLAMEY	.. .. .	P.W.D., Perth, Western Australia.
1883 Dec. 4.	BARRETO, PROPICIO PEDROSO	.. .. .	{ Comp. Alagoana de Fiação e Tecidos, Maccio, Brazil.
1886 Dec. 7.	BARRETT, SYDNEY RUSSELL	.. .. .	Gas Dept., Council Ho., Birmingham.
1879 Mar. 4.	BARRON, CHARLES	.. .. .	5 Union Place, Aberdeen.
1876 Apr. 4.	BARRON, HENRY STRACEY	.. .. .	152 Lewisham Road, S.E.
1872 Dec. 3.	BARRON, WILLIAM ADAMSON	.. .. .	26 Powis Sq., Kensington Park, W.
1884 Feb. 5.	{ BARROS, FELICIANO MENDES DE MESQUITA	.. .. .	{ Leopoldina Ry., Brazil.
1887 Apr. 5.	BARROW, WALTER DUNCAN	.. .. .	King, King & Co., Bombay.
1889 Dec. 3.	BARROWCLIFF, GEORGE HARRY	.. .. .	Mill Street, Loughborough.
1887 May 24.	BARRY, ARTHUR JOHN	.. .. .	.. .. .
1889 Mar. 5.	BARRY, HERBERT ALFRED LUCAS	.. .. .	6 Duckett Rd., Harringay, N.
1890 May 20.	BARRY, WILLIAM FITZ-GERALD	.. .. .	Co. Surveyor's Office, Kilkenny.
1882 May 23.	BARTLETT, JAMES HERBERT	.. .. .	37 Old Jewry, E.C.
1884 Jan. 8.	BARTLETT, THOMAS WALTER	.. .. .	P.W.D., Ajmere, India.
1865 May 23.	BARTON, JOHN	.. .. .	76 Carlton Hill, St. John's Wd., N.W.
1884 Feb. 5.	BASHALL, WILLIAM	.. .. .	21 Holland Villas Road, W.
1883 Feb. 6.	BASSETT, ALEXANDER BARKER	.. .. .	Cheverell, Llandaff.
1887 Dec. 6.	BASSETT, HERBERT STANHOPE	.. .. .	Ballygunner, Bournemouth.
1886 Feb. 2.	BACHELOR, CYRIL TALWORTH	.. .. .	The Upper Cliffs, Penarth, Cardiff.
1887 Feb. 1.	BATERDEN, JAMES RAE	.. .. .	{ 54 Brighton Grove, Newcastle-on-Tyne. [Chicago, U.S.
1888 Dec. 4.	BATES, ONWARD	.. .. .	C. Milwaukee & St. Paul Ry.,
1887 Dec. 6.	BATLEY, CHARLES JOSEPH	.. .. .	Corporation Offices, Bury, Lancs.
1882 Dec. 5.	BATTEN, WILLIAM TOWNSHEND	.. .. .	Gasworks, Singapore, S.S.
1873 Dec. 2.	BAUERMAN, HILARY	.. .. .	{ 9 Hazelbourne Gdns., Cavendish Rd., Balham, S.W. [Aust.
1885 Mar. 3.	BAYER, CHARLES ALBERT	.. .. .	Hydraulic Eng.'s Off., Adelaide, S.
1890 Dec. 2.	BAYLEY, GEORGE HERBERT	.. .. .	Craybrow, Lynn, Cheshire.
1884 May 6.	BAYLIS, PERCY	.. .. .	The Foundry, Chippenham, Wilts.
1883 May 29.	BAYLISS, GEORGE REGINALD	.. .. .	Spondon, near Derby.
1884 Dec. 2.	BAYLISS, THOMAS RICHARD	.. .. .	Belmont, Northfield, nr. Birmingham.
1850 Apr. 2.	{ BAYNES, CHARLES CHRISTOPHER CARLETON	.. .. .	{ 2 South Hill Park Gardens, Hampstead, N.W.
1891 Apr. 7.	BAYNES, JOSEPH HENRY	.. .. .	Maryborough, Queensland.
1883 Dec. 4.	BAZALGETTE, WILLOUGHBY, B.A.	.. .. .	46 Queen Anne's Gate, S.W.
1886 May 18.	BEAMAN, JOHN CHARLES	.. .. .	King, King & Co., Bombay.
1890 May 20.	BEALE, BERTRAM ROBERT, B.A.	.. .. .	Waltham St. Lawrence, Twyford.
1888 Jan. 10.	BEALE, HENRY FITZ GERALD	.. .. .	Grindlay, Groom & Co., Bombay.
1874 Jan. 13.	BEAMISH, GEO. HORATIO TOWNSHEND	.. .. .	Spy Hill House, Queenstown, Cork.
1880 Mar. 2.	BEAN, ALFRED WILLIAM THOMAS	.. .. .	47 Prince's Square, Hyde Park, W.
1886 May 18.	BEAN, JOHN STENNITT, Wh. Sc.	.. .. .	L. & N. W. Ry., Crewe.
1885 Apr. 14.	BEAN, WILLIAM	.. .. .	Belmont, Haddington, Stamford.
1853 Dec. 6.	BEANES, EDWARD	.. .. .	Moatlands, Paddock Wood, Kent.
1891 Feb. 3.	{ BEARBLOCK, CHARLES WILLIAM JOHN	.. .. .	{ H.M.S. "Trafalgar," Mediterranean Station.
1883 Dec. 4.	BEARDMORE, WILLIAM LEE	.. .. .	7 Little Queen St., West., S.W.

Date of Election.	ASSOCIATE MEMBERS.	
1885 May 19.	BEARE, <i>Prof.</i> THOS. HUDSON, B.A., B.Sc., F.R.S.E.	University College, Gower St., W.C.
1887 Mar. 1.	BEAUMONT, PERCY MUNRO	Boro' Surveyor, Maldon. Essex.
1891 Jan. 13.	BECHER, CHARLES FREDERICK, B.E. . .	County Council, Spring Gardens, S.W.
1889 Dec. 3.	BECHER, HARRY, B.A.	County Council, Spring Gardens, S.W.
1883 May 29.	BECHER, HARRY MACDONALD	9 d'Almeida St., Singapore, S.S.
1885 Dec. 1.	BECKETT, WILLIAM MARROW	High Bank, Altrincham, Cheshire.
1889 May 21.	BECKETT, WILLIAM THOMAS CLIFFORD	Bengal-Nagpur Ry., Umaria, India.
1890 Mar. 4.	BECKH, HARRY OSCAR, M.A. . . .	Ferry Works, Thames Ditton.
1872 May 7.	BECKINGSALE, EDGAR WILLIAM . . .	Westoe, Beaufort Rd., Surbiton.
1891 Feb. 3.	BECKS, GEORGE ARTHUR	{The Clone, Court Rd., West Nor- wood, S.E.
1886 May 4.	BECKWITH, ARTHUR	Usk Paper Works. Crickhowell.
1889 Feb. 5.	BEDLINGTON, PETER ROE	Gadlys House, Aberdare.
1884 May 27.	BEDSON, JOSEPH PHILLIPS	Bradford Ho., Manchester.
1879 May 6.	BEEMAN, JOSEPH SAMUEL	182 Earl's Court Road, S.W.
1882 Feb. 7.	BEEVER, BERNULF WATSON	{Egerton Lodge, Withington, near Manchester.
1887 Jan. 11.	BELCHER, HUGH WALTER, B.A. . . .	Sanyo Ry., Hiogo, Japan.
1891 Mar. 3.	BELFIELD, REGINALD	4 Victoria Mansions, Victoria St., S.W.
1881 Dec. 6.	BELIN, AUGUSTUS ZACHARY CONSTANT	11 Rua da Quitanda, Rio de Janeiro.
1881 Dec. 6.	BELL, GEORGE	6 Eaton Ter., Swansea.
1889 Jan. 8.	BELL, JOHN FERGUSON	Gasworks, Stafford.
1886 May 18.	BELL, ORIENT	{Teresa de Duenas, San Salvador, Central America.
1882 Dec. 5.	BELL, WILLIAM REID	204 St. Vincent St., Glasgow.
1883 Mar. 6.	BELLAMY, HENRY FRANKLIN	Selangore, Malay, S.S.
1880 Dec. 7.	BELLASIS, EDWARD SKELTON	Grindlay's, 55 Parliament St., S.W.
1880 Feb. 3.	BELLINGHAM, AUGUSTUS WM. HARVEY	{Jardine, Matheson & Co., Tientsin, China.
1880 Apr. 6.	BELTON, WILLIAM	{Gas Light Company, Shrewsbury, [Belton, Shrewsbury.]
1885 Dec. 1.	BENEST, EDWARD BENEST SHAW . . .	Caixa 403, Rio de Janeiro.
1872 Apr. 9.	BENEST, JAMES SMYTH	Grove Ho., Newmarket Rd., Norwich.
1891 Mar. 3.	BENHAM, ARTHUR HOWARD	4 Albert Terrace, Regent's Park, N.W.
1884 Feb. 5.	BENHAM, PERCY	{4 Albert Ter., Regent's Park., N.W. [Benham, London. 7065.]
1882 Apr. 4.	BENNATON, NEWTON	Minas & Rio Ry., Cruzein, Brazil.
1885 Apr. 14.	BENNETT, HARRY JOHN TOLER	Woodville, Parsonstown, Ireland.
1889 Apr. 2.	BENNETT, JAMES BOWER	24 George Street, Edinburgh.
1875 Apr. 6.	BENNETT, JOHN	76 Drayton Gds., Kensington, S.W.
1889 Dec. 3.	BENNETT, THOMAS	Local Board, Cheshunt.
1880 Dec. 7.	BENNETT, WILLIAM BENJAMIN GEORGE	Borough Engineer, Southampton.
1885 Dec. 1.	BEN-SAUDE, JOAQUIM	Travaux du Port, Lisbon, Portugal.
1881 Dec. 6.	BENSON, CHRISTIAN	{F. C. Central Norte, Cordoba, Ar- gentine Republic.
1886 Apr. 6.	BENSON, DAVIS EDMONDSON	L. & Y. Ry., Hunts Bank, Manchester.
1887 Dec. 6.	BENSON, JOHN JAMES BOURNE	Asst. Eng., Municipality, Bombay.
1889 Dec. 3.	BENT, BALDWIN HARRY, B.A.	{F. C. Nor-Oeste, Casilla 105, Cor- doba, Argentine Republic.
1891 Mar. 3.	BERKLEY, MICHAEL GRAHAM	King, King & Co., Bombay.
1883 Dec. 4.	BERRIDGE, ROBERT	50 Bishopsgate St. Without, E.C.
1885 Dec. 1	{BERRINGTON, RICHARD EVANS WIL- LOUGHBY}	Graiseley House, Wolverhampton.
1891 Apr. 7.	BERTLIN, ANTHONY	F. C. del Sud, Buenos Ayres.
1879 Feb. 4.	BERTODANO, CHARLES EDMUND DE . .	G. Higgin, 4 Broadway, S.W.
1890 Feb. 4.	BESANT, FREDERICK WILLIAM	Govt. Rys., Colombo, Ceylon.
1882 May 2.	BEST, CHARLES WILLIAM	Penbryn, Brecon, S. Wales.
1886 May 18.	BEST, HARRY ROBERTSON	{10 Victoria St., S.W. [Nomize, London. 3095.]
1884 May 6.	BESTIC, WILLIAM BRERETON	P. W. Secretariat, Calcutta.
1888 May 15.	BESWICK, WILLIAM HENRY	Local Board, Exmouth.
1880 Dec. 7.	BETTS, EDWARD PETO	East Hill, Ashford, Kent.

Date of Election.	ASSOCIATE MEMBERS.			
1883 Mar. 6.	BETTS, JAMES ALEXANDER	..	..	12 Government Place East, Calcutta.
1888 Dec. 4.	BEVERIDGE, JOHN	..	..	Water Supply Dept., Sydney, N.S.W.
1882 Feb. 7.	BEWICK, THOMAS BURRELL	..	..	{ Suffolk House, Laurence Pountney Hill, E.C.
1882 Mar. 7.	BEWLAY, HUBERT	..	..	Spring Hill, Birmingham.
1889 Dec. 3.	BEWS, WALTER ANSTRUTHER	..	..	Queen St., Ashby, Geelong, Victoria.
1884 Mar. 4.	BEYNON, ARTHUR ROBERT	..	..	F. C. Rosario, Galvez, Argentine
1877 Mar. 6.	BEYNON, GEORGE WILLIAM	..	..	G. W. Ry., Reading. [Republic.
1886 May 18.	BHADA, NASARVANJI DORABJI	..	..	Tansa Waterworks, Bombay.
1882 Mar. 7.	BICKERTON, CHARLES HOWARD COTTON	..	..	W. Watson & Co., Bombay.
1875 Feb. 2.	BIEBER, ALBERT OTTO	..	..	{ 8 Rue de Sannois, Cormeilles-en-Parisis, Seine et Oise, France.
1887 Dec. 6.	BIGGART, ANDREW STEVENSON	..	..	Baltic House, Bridgeton, Glasgow.
1887 Dec. 6.	BIGLEY, THOMAS MOYLES	..	..	{ 19 Castle St., Liverpool. [Bigley Liverpool.]
1888 Dec. 4.	BINET, EDWARD PHILIP	..	..	6 Great Winchester Street, E.C.
1857 Feb. 3.	BINNS, WILLIAM	..	..	Lake, Isle of Wight.
1875 Feb. 2.	BIRAN, BENJAMIN	..	..	Peasley Cross Collieries, St. Helens.
1884 Feb. 5.	BIRCH, EDWARD ROBERT, B.E.	..	..	Corcam, Stranorlar, co. Donegal.
1885 Dec. 1.	BIRD, FRANCIS TREVOR	..	..	{ So. Mahratta Ry., Castle Rock, Bombay.
1881 Dec. 6.	BIRD, GEORGE ROWLAND	..	..	Ex. Eng., P.W.D., Allahabad, India.
1883 Feb. 6.	BIRD, HUGH WILLIAM STONEHEWER	..	..	F. C. del Sud, Buenos Ayres.
1883 May 29.	BIRD, WILLIAM HENRY	..	..	Eng.'s Off., G.E. Ry., L'pool St., E.C.
1843 Mar. 7.	BIRKBECK, GEORGE HENRY	..	..	12 Primrose Hill Road, N.W. [N.W.
1883 Apr. 3.	BIRKETT, ROBERT	..	..	2 Winchester Rd., Willesden Lane,
1882 Apr. 4.	BIRKINSHAW, ARTHUR HENRY	..	..	H. S. King & Co., 45 Pall Mall, S.W.
1890 Dec. 2.	BIRT, RAYMOND JOHN	..	..	20 Belsize Grove, Hampstead, N.W.
1875 May 4.	BLABER, CHARLES OLIVER	..	..	64 Ship Street, Brighton.
1877 Jan. 16.	BLACKBOURN, HENRY	..	..	74 Gauden Rd., Clapham, S.W.
1888 Jan. 10.	BLACKBURN, ALEXANDER BEWICKE	..	..	Salford Ironworks, Manchester.
1885 Apr. 14.	BLACKBURN, CHARLES HENRY	..	..	Rawal Pindi, India.
1883 Feb. 6.	BLACKBURN, EDWARD HERBERT	..	..	Waterworks, Kettering.
1890 May 6.	BLACKBURN, JOHN	..	..	Colne Valley Waterworks, Bushey.
1881 Dec. 6.	BLACKETT, JAMES WILLIAM	..	..	{ F. C. Norte Oeste, Cordova, Argentine Republic.
1883 Feb. 6.	BLACKMORE, GEORGE FREDERICK	..	..	Coal Co., Grape Creek, Ill., U.S.
1888 Dec. 4.	BLACKSHAW, WILLIAM	..	..	Boro' Surveyor, Stafford.
1874 Apr. 14.	BLACKWELL, CHARLES	..	..	Juniata Ironworks, Pittsburgh, U.S.
1879 Feb. 4.	BLACKWELL, LOUIS BUCKLAND	..	..	Coal & Coke Co., Cullen Bullen, N.S.W.
1889 Jan. 8.	BLAINE, ROBERT GORDON, M.E.	..	..	2 Addison Rd., Waustead, E.
1889 Jan. 8.	BLAIR, GEORGE, JUN.	..	..	6 Alfred Ter., Hillhead, Glasgow.
1878 Apr. 2.	BLAIR, JAMES MACLELLAN	..	..	Clutha Ironworks, Glasgow.
1884 Feb. 5.	BLAIR, WILLIAM NISBET	..	..	Town Hall, Bootle.
1890 Apr. 1.	BLAKE, GEORGE BENJAMIN	..	..	Moorabool St., Geelong, Victoria.
1869 Mar. 2.	BLAKE, JOHN HOPWOOD	..	..	28 Jermyn Street, S.W.
1881 Feb. 1.	BLAKESLEY, JOHN HOLMES, M.A.	..	..	8 Serjeant's Inn, Fleet Street, E.C.
1882 Jan. 10.	BLANDY, JNO. EDWD. AUG. JENKINS	..	..	Bridge Ho., Bridge St., Smethwick.
1869 Dec. 7.	BLAXLAND, GEORGE	..	..	Boulton House, St. Heliers, Jersey.
1887 May 24.	BLIZARD, JOHN HENRY	..	..	Lausdowne House, Southampton.
1887 Apr. 5.	BLONFIELD, HAROLD ARTHUR	..	..	{ North Shore Waterwks., Parramatta, N.S.W.
1886 Jan. 12.	{ BLONFIELD, VALENTINE JOHN STUART	..	..	{ Roads and Bridges Dept., Sydney, N.S.W.
1877 Dec. 4.	BLOXSON, MARTIN, B.A.	..	..	Eng.'s Off., L. & Y. Ry., Manchester.
1887 Mar. 1.	BLUE, JOHN ALEXANDER CRAIG	..	..	37 Great George Street, S.W.
1887 Feb. 1.	BLUETT, FREDERICK	..	..	{ C. A. Trery, North Western Ry., Bahia Blanca, Argentine Republic.
1884 May 27.	BLUM, ALEXANDER SAMUEL	..	..	c.o. The National Bank, Mexico.
1886 Jan. 12.	BLUNDELL, HARRY	..	..	M. S. & L. Ry., Manchester.
1887 Dec. 6.	BOAKE, JOHN FULLER	..	..	{ E. F. Uruguayana, Rio Grande do Sul, Brazil.
1883 Mar. 6.	BOASE, JAMES TREMBATH	..	..	P.W.D., Lahore, Punjab.

Date of Election.		ASSOCIATE MEMBERS.	
1891 Apr. 7.	7.	BOATH, ROBERT	31 Nelson St., Edinburgh.
1889 Dec. 3.	3.	BOBY, WILLIAM	8 Union Court, Old Broad St., E.C.
1879 May 27.	27.	BODMER, GEORGE RUDOLPH	30 Walbrook, E.C.
1878 Apr. 2.	2.	BODMER, JOHN JAMES	9 New Broad St., E.C. [1090.]
1882 Dec. 5.	5.	BOGER, JOHN RICHARD	W. Middlesex Waterworks, Kensing-
1877 Dec. 4.	4.	BOLD, EDWARD HENRY	P. W. D., Napier, N.Z. [ton Pl., W.
1885 Jan. 13.	13.	BONAR, DAVID	3 Old St., St. Luke's, E.C.
1879 Feb. 4.	4.	BOND, CECIL PHILIP WILLIAM	27 Leadenhall St., E.C.
1889 Dec. 3.	3.	BOND, GEORGE CRESWELL	Aspley House, Nottingham.
1891 Jan. 13.	13.	BOND, HORACE SAMUEL	1 Rydal Mount, Rose Hill St., Derby.
1891 Mar. 3.	3.	BOND, WALTER	Boro' Surveyor's Office, Swansea.
1884 Feb. 5.	5.	BONN, CARL RODERIQUE LOUIS MENNI	160 Hope Street, Glasgow.
1866 Dec. 4.	4.	BONNYN, WILLIAM WINGFIELD	21 Dartmouth Park Rd., N.W.
1876 Dec. 5.	5.	BORRADAILE, ARTHUR FREDERICK ..	Saltburn-by-the-Sea.
1891 Feb. 3.	3.	{BORROWMAN, WILLIAM CAMERON, } Wh. Sc.	53 Bentinck St., Glasgow.
1879 Feb. 4.	4.	BOSWELL, ST. GEORGE JAMES	Harbour Improvements, Quebec.
1886 Dec. 7.	7.	BOTHAMS, ALFRED CHAMPNEY	51 Silver Street, Salisbury.
1877 Feb. 6.	6.	BOTLEY, CHARLES EDWARD	Gasworks, Hastings.
1890 Dec. 2.	2.	BOUCHER, ARTHUR SACKVILLE	{Battery Reef Gold Mining Co., Wit- watersrandt, Transvaal.
1879 May 27.	27.	BOULT, WILFRID SWANWICK	24 King's Mount, Birkenhead.
1884 Dec. 2.	2.	BOULTON, JAMES FETTES	Praya Reclamation Works, Hong
1888 May 15.	15.	BOURCHIER, EDWARD HERBERT	32 Great George Street, S.W. [Kong.
1883 Feb. 6.	6.	BOURKE, PALMER AUGUSTUS, B.E. ..	Small Arms Factory, Birmingham.
1886 Jan. 12.	12.	BOURKE, WALTER LONGLEY	Pulborough, Sussex.
1884 Mar. 4.	4.	BOURNE, JAMES JOHNSTONE	{Grafton Vil., Brecon Rd., Aber- gavenny.
1877 Dec. 4.	4.	BOURNE, ROBERT WILLIAM	18 Hereford Sq., S.W.; and Liverpool.
1890 Feb. 4.	4.	BOURNE, THOMAS JOHNSTONE	Formosa Ry., Tamsui, China.
1873 May 6.	6.	BOURNE, WILLIAM TEMPLE	Sebright Lawn, Lon. Bdgs., Worcester.
1881 Apr. 5.	5.	BOWEN, JOHN	Frogmoor Ho., High Wycombe, Bucks.
1889 Dec. 3.	3.	BOWER, THOMAS	Ribble House, West Hartlepool.
1882 Apr. 4.	4.	BOYCE, HENRY GEORGE, F.C.H.	Watson & Co., 27 Leadenhall St., E.C.
1877 Dec. 4.	4.	BOYDELL, JAMES EDWARD NEVILLE ..	State Ry., Chak-Nizam, Punjab.
1880 Dec. 7.	7.	BOYLAN, JOHN	Colonial Bk. Bdgs., Auckland, N.Z.
1884 Dec. 2.	2.	BOYNTON, Captain FRANCIS	R. E. Dept., Milford Haven.
1889 Apr. 2.	2.	BOYS, JOHN WILLIAM TOWNSEND	D. P. W., Sewerage Branch, Sydney.
1890 Jan. 14.	14.	BRACE, WILLIAM HENRY	P. W. D., Klang, Selangore, S.S. [N.S.W.
1889 Jan. 8.	8.	BRADFORD, HUGH MELLER	Dowla's Ironworks, Glamorgan.
1883 May 29.	29.	BRADY, ALFRED BARTON	D. P. W., Bridges, Brisbane, Queens-
1888 Mar. 6.	6.	BRAGA, ANTONIO LUSTOZA PEREIRA ..	P.O. Box 642, Rio de Janeiro. [laud.
1891 May 5.	5.	BRAIN, FRANK WILLIAM THOMAS	Trafalgar House, Drybrook, Glos.
1874 Apr. 14.	14.	BRAHAM, FRANK EDMOND	56 Holland Park, W.
1884 Dec. 2.	2.	BRAMAH, EDWARD HENRY	2 Berlin Pl., Pollokshields, Glasgow.
1883 Dec. 4.	4.	BRAMHAM, WILLIAM	115 Bow Road, E.
1864 May 24.	24.	BRANFILL, JOHN ARTHUR CAPEL	25 Rosendale Rd., W. Dulwich, S.E.
1863 Jan. 13.	13.	BRASSINGTON, JOHN WATTS	17 Gloucester Walk, Campden Hill,
1883 May 29.	29.	BREBNER, ALAN, JUN., B.Sc.	176 Rue Lafayette, Paris. [W.
1880 Feb. 3.	3.	BREBNER, ROBERT CHARLES	18 St. Andrew Square, Edinburgh.
1890 Mar. 4.	4.	BREMER, ALEXANDER	26 Fountain Street, Hull.
1874 May 5.	5.	BRENAN, GEORGE WOULFE	Argyll Square, Oban, N.B.
1888 Dec. 4.	4.	BRENCLEY, JOHN VAUGHAN	F. C. de Veraacruz, Alvarado, Mexico.
1885 Apr. 14.	14.	BREWER, FRANK, JUN.	6 Sheffield Terrace, Kensington, W.
1891 May 12.	12.	BREWER, JOHN WILLIAMS	10 Windsor Place, Cardiff.
1883 May 1.	1.	BREWSTER, EDWIN HENRY GEORGE ..	5 Great George Street, S.W.
1879 Feb. 4.	4.	BRICE, EDWARD ERNEST	Ry. Branch, P. W. D., Sydney, N.S.W.
1886 Mar. 2.	2.	BRICKNELL, FREDERICK WILLIAM	Borough Engineer's Office, Hull.
1891 Jan. 13.	13.	BRIDGEWATER, HENRY JOHN	Ingfield Ho., Marsden, Huddersfield.
1877 Apr. 10.	10.	BRIFFAULT, FREDERIC	6 Cathcart Rd., Kensington, S.W.
1884 Dec. 2.	2.	BRIGDEN, JAMES	187 Western Road, Brighton. [37.]
1881 Dec. 6.	6.	BRIGGS, JOHN HENRY	{101 Grosvenor Road, S.W. [Screw- cock, London.]

Date of Election.	ASSOCIATE MEMBERS.				
1889 Mar. 5.	BRIGHT, CHARLES	..	..	..	Telegraph Works, Silvertown, E.
1889 Jan. 8.	BRIGHT, PHILIP	..	..	..	2 Newgate Street, E.C.
1889 Dec. 3.	BRIGHTMORE, ARTHUR WILLIAM, M.Sc.	..	..	..	Moore, near Warrington.
1886 Jan. 12.	BRINCKMAN, WILLIAM HENRY	..	..	..	Glan y Bala, Llanberis, N. Wales.
1886 Apr. 6.	BRINE, ERNEST AUGUSTUS	..	..	..	1 St. Michaels Chams., Oxford.
1880 Mar. 2.	BRITTON, PERCY WILSON	..	..	..	112 St. Mary's Rd., Peckham, S.E.
1890 Jan. 14.	BRODIE, JOHN ALEXANDER, Wh. Sc.	..	..	..	City Engineer's Office, Liverpool.
1886 Dec. 7.	BRODIE, JOHN SHANKS	..	..	..	Town Hall, Whitehaven.
1886 Dec. 7.	BRODIE, ROBERT	..	..	..	Claymore Villa, Aberfoyle, N.B.
1877 May 29.	BRODIE, WILLIAM PATRICK	..	..	..	Muzaffargarh, Punjab.
1884 Jan. 8.	BROOKE, WALTER	..	..	..	{ Town Surveyor, Richmond, Surrey. [Brooke, Surveyor, Richmond.]
1877 May 1.	BROOKING, EDWIN WILLIAM	..	..	..	38 Parliament Street, S.W.
1891 May 12.	BROOKS, ALFRED	..	..	..	Harbours & Rivers Dept., Sydney,
1890 May 6.	BROOKS-KING, REGINALD	..	..	..	The Elms, Monmouth. [N.S.W.]
1877 Dec. 4.	BROOM, GEORGE JAMES COTTOM	..	..	..	Town Hall, St. Helen's, Lancs.
1885 May 5.	BROTHERS, ARTHUR HORATIO	..	..	..	The Elms, Putney Hill, S.W.
1889 May 21.	BROUGH, JOHN WATKINS	..	..	..	{ North's Portland Cement Works, Oostmalle, Belgium.
1885 Apr. 14.	{ BROUGHAM, Hon. REGINALD THOMAS DUDLEY	..	..	..	15 Hans Place, S.W.
1882 May 23.	BROUGHTON, THOMAS	..	..	..	Sherborne, Cheltenham.
1883 May 1.	BROUGHTON, URBAN HANLON	..	..	..	72 Commerce Building, Chicago, U.S.
1885 Dec. 1.	BROUNGER, SYDNEY GEORGE	..	..	..	c.o. Agent, Midland Ry., Bhopal, India.
1883 Dec. 4.	BROWN, ARTHUR CARDWELL	..	..	..	Northern Ry., Buenos Ayres.
1891 Feb. 3.	BROWN, ARTHUR CROMPTON	..	..	..	Pearson & Son, 10 Victoria St., S.W.
1886 Feb. 2.	BROWN, ARTHUR EDWARD	..	..	..	Govt. Rys., Colombo, Ceylon.
1888 Jan. 10.	BROWN, ARTHUR GEORGE	..	..	..	Murtoa, Victoria.
1885 Dec. 1.	BROWN, ARTHUR KAYE	..	..	..	Digswell, Welwyn, Herts.
1890 Apr. 1.	BROWN, ARTHUR RICHARD	..	..	..	The Park, Harrow.
1884 Feb. 5.	BROWN, CHARLES EDWIN	..	..	..	236 Kennington Park Rd., S.E.
1887 Mar. 1.	BROWN, EDWARD JOHNSON	..	..	..	Laguna, Sta. Catharina, Brazil.
1883 Dec. 4.	BROWN, FREDERICK BENJAMIN	..	..	..	S. Brown, 37 Wardour Street, W.
1879 May 27.	BROWN, FREDERICK LATHAM	..	..	..	Fern Bank, Beckenham, Kent.
1882 Dec. 5.	BROWN, GEORGE CECIL HERBERT	..	..	..	Ship Canal, Thelwall, Warrington.
1877 Dec. 4.	BROWN, GEORGE VAUGHAN	..	..	..	{ Wells & Co., 12 North Street, West- minster, S.W. [Moorings, London.]
1882 May 23.	BROWN, GEORGE WILLIAM	..	..	..	Huntley, Boorne & Stevens, Reading.
1877 Apr. 10.	BROWN, JOHN THOMAS	..	..	..	Ulverstone, The Leven, Tasmania.
1889 Dec. 3.	BROWN, JOSEPH WILLIAM	..	..	..	Boro' Engineer, West Hartlepool.
1880 Apr. 6.	BROWN PHILIP HENRY	..	..	..	Coconada, Madras.
1877 Dec. 4.	BROWN, THOMAS COMMON	..	..	..	147 Woodbridge Road, Ipswich.
1875 Feb. 2.	BROWN, WILLIAM JOSEPH	..	..	..	{ 101 Grosvenor Rd., S.W. [Screw- cock, London.]
1889 Apr. 2.	BROWNE, JOHN	..	..	..	Galdames Ry., Portugalete, Spain.
1880 Dec. 7.	BROWNE, JOSEPH JOHN	..	..	..	Porticos Xifré 10, Barcelona.
1889 Dec. 3.	BROWNE, WILLIAM BUTLER	..	..	..	Reconquista, Santa Fé, Argentine
1889 Dec. 3.	BROWNING, ROBERT ALEXANDER	..	..	..	Gasworks, Neath. [Republic.]
1887 Jan. 11.	BROWNRIDGE, CHARLES	..	..	..	Town Hall, Leeds.
1882 Dec. 5.	BRUCE, ALEXANDER FAIRLIE	..	..	..	{ Casilla 95, Rosario de Santa Fé, Argentine Republic.
1891 Feb. 3.	BRUCE, BENJAMIN JOHN ELDER	..	..	..	Waterworks, Town Hall, Hull.
1879 Mar. 4.	BRUCE, GEORGE BARCLAY, Jun.	..	..	..	{ Suffolk House, Laurence Pountney Hill, E.C.
1888 Apr. 10.	BRUCE, ROBERT NIGEL DALRYMPLE	..	..	..	65 West Cromwell Road, S.W.
1884 Mar. 4.	BRUGES, CHARLES ERNEST	..	..	..	7 Victoria Street, S.W.
1886 Apr. 6.	BRUNDELL, HENRY AUGUSTUS	..	..	..	13 Avenue Road, Doncaster.
1868 Dec. 1.	BRUNDELL, RICHARD SHAW	..	..	..	Leicester Ho., Regent Sq., Doncaster.
1889 Apr. 2.	BRUNDRETT, ALEXANDER	..	..	..	Rhymney Iron Co., Rhymney, Mon.
1885 May 19.	BRUNLEES, HOWARD	..	..	..	12 Victoria Street, S.W.
1884 Jan. 8.	BRUNTON, JAMES FORREST	..	..	..	Tramway Co., Karachi, India.
1886 May 4.	BRUNTON, PHILIP GEORGE	..	..	..	Roads & Bridges Dept., Sydney,
1889 Feb. 5.	BRUNTON, SYDNEY LINTON, A.K.C.	..	..	..	Viewsley, West Drayton. [N.S.W.]

Date of Election.	ASSOCIATE MEMBERS.			
1887 May 24.	BRUSH, FRANCIS SAMUEL	Wilgah, St. Kilda, Victoria.		
1891 May 12.	BRYANT, ERNEST WALROND	65 Grosvenor Street, W.		
1880 Mar. 2.	BRYDEN, CHARLES WILLIAM	Rapid City, Dakota, U.S.		
1883 Feb. 6.	BUCHAN, JOHN	Boro' Surv., Great Grimsby.		
1891 Feb. 3.	BUCHANAN, GEORGE CUNNINGHAM ..	Ferro Carril, Algeciras, Spain.		
1884 Dec. 2.	BUCHANAN, JAMES BEAUMONT	Chadargat, Hyderabad, India.		
1890 Jan. 14.	BUCHANAN, JOHN BLAIR	{ Perry & Co., F. C. Central, Villa Rica, Paraguay. [London.]		
1888 Mar. 6.	BUCHANAN, KENNETH HUGH	9 New Broad St., E.C. [Discepto,		
1890 May 20.	BUDD, GEORGE WILLIAM	127 Long Acre, W.C.		
1890 Feb. 4.	BUDIBHATTI, KESHAVJI SHAMJI ..	Ex. Eng., Bhuj, Cutch, India.		
1888 May 15.	BULL, HARRY FREESTONE	County Surveyor's Office, Chester.		
1881 Dec. 6.	BULL, JAMES	Valverde, Eaton Gdns., W. Brighton.		
1876 Mar. 7.	BULL, WILLIAM	Pembroke Ho., Oxford Rd., Redhill.		
1885 Dec. 1.	BULLOCK, CYRUS, Wh. Sc.	67 King Street, Manchester.		
1887 Mar. 1.	BULLOCK, FRANK	150 Leadenhall Street, E.C.		
1885 May 19.	BULLOUGH, ROBERT CROSSLEY	The Hey, Marsden, Huddersfield.		
1890 Dec. 2.	BULLOUGH, THOMAS ALLEN	50 Peel Ho. La, Farnworth, Widnes.		
1890 Feb. 4.	BULMER, GEORGE HARLEY	Baza, Granada, Lorea, Spain.		
1883 Dec. 4.	BUNNING, CHARLES ZIETHEN	{ Borax Co., 2 Macri Khan, Constantinople.		
1886 Apr. 6.	BURCH, WILLIAM	{ Ship Canal, Acton Grange, near Warrington.		
1891 Apr. 7.	BURDEN, ALEXANDER MITCHELL, B.E.	F. C. del Sud, Buenos Ayres.		
1874 Jan. 13.	BURDER, WALTER CHAPMAN	Horticultural Wks., Loughborough.		
1875 May 4.	BURGESS, JOHN	{ Wood Bank, Halifax Old Rd., Huddersfield.		
1888 Dec. 4.	BURGESS, SAMUEL EDWIN	Boro' Surveyor, Banbury.		
1888 May 15.	BURGH, ERNEST MACARTNEY DE ..	Roads & Bridges Dept. Sydney, N.S.W.		
1888 Dec. 4.	BURMAN, ERNEST SYDNEY	Town Hall, Melbourne, Victoria.		
1881 May 31.	BURNET, LINDSAY	{ Moor Park Works, Govan, Glasgow. [Burnet, Glasgow. 1513.]		
1886 Dec. 7.	BURNETT, JAMES	Christchurch, N.Z.		
1886 Apr. 6.	BURRELL, LEONARD	37 Rua Santa Luzia, Rio de Janeiro.		
1888 Dec. 4.	BURSTALL, HENRY ROBERT JOHN, Wh.Sc.	76 King's Road, N.W.		
1885 May 19.	BURT, ARTHUR HAZELDEIN	Brunswick Av., Strathfield, N.S.W.		
1883 May 29.	BURT, HENRY PARSALL	{ Oudh & Rohilkund Ry., Lucknow, India.		
1875 Feb. 2.	BURTON, CHARLES	Santa Cruz, Bolivia, via Panama.		
1888 Dec. 4.	BURTON, CLERKE	Burghill, Charlton Kings, Cheltenham.		
1890 Dec. 2.	BURTON, EDWARD, B.A.	Dockyard, Liverpool. [ham.]		
1885 Dec. 1.	BURTON, GEORGE LEWIS	19 Castle Street, Liverpool.		
1891 May 5.	BURTON, Prof. WILLIAM KINNINMOND	Engineering College, Tokio, Japan.		
1887 Apr. 5.	BURY, OLIVER ROBERT HAWKE	Gt. Western Ry., Pernambuco.		
1881 May 31.	BUSK, CHARLES WESTLY, M.A.	P.O., Box 346, Victoria, Br. Columbia.		
1888 Jan. 10.	BUTLER, ARTHUR HENRY			
1884 Feb. 5.	BUTLER, JAMES	Rose Villa, Avenue Rd., Leamington.		
1881 Dec. 6.	BUTLER, JAMES SAMUEL	{ East Boort Water Supply Trust, Boort, Victoria. [Canada.]		
1885 Apr. 14.	BUTLER, MATTHEW JOSEPH	K. N. & W. Ry., Napanee, Ont.,		
1874 May 5.	BUTLER, WILLIAM FREDERIC	Cae Bryn, Wrexham.		
1888 Dec. 4.	BUTLER, Professor WILLIAM ROBERT, B.E.	King's Coll., Windsor, Nova Scotia.		
1881 Dec. 6.	BUTT, HENRY WILLIAM	9 St. Thomas's St., Borough, S.E.		
1888 Dec. 4.	BUTTON, FRED SMITH	13 Palatine Square, Burnley.		
1887 Apr. 5.	BYNG, EDMUND HENRY	Windygates, N.B.		
1889 Dec. 3.	BYRES, DAVID THOMSON	172 Bonaccord St., Aberdeen.		
1877 Dec. 4.	CABEZAS, ADOLFO GARCIA	Matagorda Graving Dk. Works, Cadiz.		
1889 Jan. 8.	CABLE, HENRY DARLINGTON	6 Blatchington Rd., Hove, Brighton.		
1882 May 2.	CAFFIN, FRANCIS CRAWFORD	Dore & Chinley Ry., Totley, Sheffield.		
1890 May 20.	CAFFIN, HERBERT ALEXANDER	Avon Dhu, Aberfoyle, N.B.		

Date of
Election.

ASSOCIATE MEMBERS.

1886 Dec. 7.	CAIRNCROSS, THOMAS WILSON	City Engineer, Cape Town, C.C.
1891 Apr. 7.	CAIRNES, FREDERICK EVELYN	{ S. Pearson & Son, Apartado de Correo 440, Mexico. [N.
1883 Dec. 4.	CALDICOTT, HARVEY	1 Willoughby Park Rd., Tottenham,
1887 May 24.	CALLAN, NICHOLAS	Inhoho, São Jeronymo, Parana, Brazil.
1884 May 6.	CALLCOTT, JOHN HOPE	Penang, S.S.
1886 Dec. 7.	CALLEN, THOMAS	Kimberley, C.C.
1885 Apr. 14.	CAMERON, JAMES	116 North Frederick St., Glasgow.
1888 May 15.	CAMERON, JOHN	Thistle Cottage, Elgin, N.B.
1887 Dec. 6.	CAMPBELL, ADAM HORSBURGH	Boro' Surveyor, Stratford-on-Avon.
1885 Apr. 14.	CAMPBELL, ALBERT JOHNSTONE	Cadena 11, City of Mexico.
1880 Dec. 7.	CAMPBELL, CHARLES	{ Lutwyche St., Woolloowin, Brisbane, Queensland. [Republic.
1885 Dec. 1.	CAMPBELL, DANIEL, Jun.	Aguas Corrientes, Parana, Argentine
1886 May 4.	CAMPBELL, GEORGE MURRAY	{ Govt. Ry., Kwala Lumpor, Selangore, S.S.
1880 Mar. 2.	CAMPBELL, GEORGE STEPHENSON	Mrs. Robinson, Staveley, Chesterfield.
1887 Apr. 5.	CAMPBELL, KENNETH FINDLATER	Boro' Engineer, Stockton-on-Tees.
1883 Dec. 1.	CAMPBELL, ROBERT LEWIS	King, Hamilton & Co., Calcutta.
1886 Mar. 2.	CAMPBELL, WALTER HOPE	{ Egerton, Hubbard & Co., St. Peters- burg.
1875 Apr. 6.	CAMPBELL, WILLIAM DUGALD	{ 25 Moncur St., Woollahra, Sydney, N.S.W.
1888 Mar. 6.	CAMPHUIS, GERRIT WILLEM	San José, Costa Rica.
1888 Apr. 10.	CAMPION, ROBERT WILLIAM	G.I.P. Ry., Lonauli, Bombay.
1889 Feb. 5.	CANDLER, THOMAS EDWARD	Springfield, Samos Rd., Anerley, S.E.
1878 Feb. 5.	CANET, GUSTAVE ADOLPHE	1 Rue Vignon, Paris. [Mon.
1886 Jan. 12.	CANNING, THOMAS	Aragon Ho., Clytha Park, Newport,
1890 Jan. 14.	CAPPER, <i>Professor</i> DAVID SING, M.A.	King's College, Strand, W.C.
1885 Dec. 1.	CAPRON, ATHOL JOHN	1 Baskerville Rd., Wandsworth Com.,
1886 Feb. 2.	CARDEW, CORNELIUS EDWARD	King, King & Co., Bombay. [S.W.
1890 Jan. 14.	CARDEW, JOHN HAYDON	Victoria Chams., Elizabeth Street,
1875 Feb. 2.	{ CARDOZO, FRANCISCO CORREA DE MESQUITA	{ Pernambuco. [Sydney, N.S.W.
1886 Jan. 12.	CAREY, ARTHUR	17 De Vere Gardens, W.
1888 Jan. 10.	CAREY, EVELYN GEORGE, A.K.C.	Dalmarnock Iron Works, Glasgow.
1871 Mar. 7.	CARFRAE, JAMES ALSTON	Holme Lodge, Wimbledon, S.W.
1878 May 7.	CARLESS, GEORGE PROCTER	Parry & Co., Madras.
1877 Dec. 4.	CARLINE, JOHN	Merivale, Catford Bridge, S.E.
1879 Feb. 4.	CARLTON, GEORGE BRODIE	Local Board of Health, Beckenham.
1890 Feb. 4.	CARLTON, SAMUEL WATKIN	{ Morfa Copper Works, Landore, Swansea.
1891 Mar. 3.	CARNE, FREDERICK WILLIAM	Sirhind Canal, Ludhiana, Punjab.
1886 Apr. 6.	CARPENTER, CHARLES CLAUDE	So. Metrop. Gasworks, Vauxhall, S.W.
1889 Dec. 3.	CARPENTER, JESSE FAIRFIELD	Cazenovia, New York, U.S.
1889 Apr. 2.	CARPENTER, WILLIAM JOHN	Gasworks, Great Yarmouth.
1891 Mar. 3.	CARPMAEL, HENRY GIFFORD	Boscobel, Streatham Common, S.W.
1891 Apr. 7.	CARR, ROBERT ALFRED	{ Wain House, Caerleon Rd., New- port, Mon. [buco.
1889 Dec. 3.	CARRICK, HENRY HAWKSHAW	Recife & São Francisco Ry., Pernam.
1872 Feb. 6.	CARRINGTON, SAMUEL	Horngold, Bodenham Rd., Hereford.
1871 Dec. 5.	CARTER, HENRY	{ 65 Victoria Street, S.W. [Sanita- tion, London.]
1884 Dec. 2.	CARTER, RODERICK EDMOND	Dickeson & Stewart, 4 Qn. Vict. St., E.C.
1876 Feb. 1.	CARTMELL, JOSEPH	Maryport and Carlisle Ry., Maryport.
1887 Dec. 6.	{ CARUS-WILSON, <i>Prof.</i> CHARLES ASH- LEY, B.A.	{ McGill University, Montreal.
1883 Mar. 6.	CARVER, WALTER ASPINALL	Rushworth, Victoria.
1880 Dec. 7.	CARVOSSO, JAMES HUSBAND	Eng.'s Dept., Gas Co., Dartford.
1890 Jan. 14.	CARY, ARTHUR PITT CHAMBERS	11 Ivydale Rd., Nunhead, S.E.
1881 Apr. 5.	CARY, SELYARDE BERNARD	Bengal Central Ry., Calcutta.
1884 Feb. 5.	CASE, ALBERT HAVELOCK, Wh.Sc.	{ New Entrance Works, Tyne Dock, So. Shields.

Date of Election.	ASSOCIATE MEMBERS.	
1882 May 2.	CASE, EDWARD	New Hall, Dymchurch, Kent.
1891 Jan. 13.	CASHMAN, WILLIAM ALOYSIUS, B.E. ..	8 Windsor Road, Ealing, W.
1884 Apr. 1.	CAVALCANTI, JOSÉ BARBALHO UCHÔA	Rua da Alfandega 6, Rio de Janeiro.
1886 Apr. 6.	CAZIMAJOU, JOSEPH JULIUS, B.Sc. ..	Spanish Town, Jamaica.
1872 Jan. 9.	CHADWICK, OSBERT, C.M.G.	Park Cottage, East Sheen.
1882 Mar. 7.	CHADWICK, WILLIAM, F.C.H.	King, Hamilton & Co., Calcutta.
1889 Dec. 3.	CHALCRAFT, GEORGE BARKER	{ Reddish Green, Town End, Chapel- en-le-Firth.
1890 Mar. 4.	CHAMBERS, CHARLES	Umballa-Kalka Ry., Sonapat, India.
1891 Jan. 13.	CHAMPION, HENRY VINE	Surveyor, Williamstown, Victoria.
1878 Feb. 5.	CHANCELLOR, JOHN THORNTON	104 Queen Victoria Street, E.C.
1880 Feb. 3.	CHANDLER, JOSEPH GEORGE	Derby Rd., Ponder's End, Midd'sex.
1882 May 23.	CHANTER, FRANCIS WILLIAM	Ex. Eng., B.D. Canal, Amritsar, Pun-
1886 Dec. 7.	CHAPMAN, ALBERT BARNES	Court Ho. Chambers, Buxton. [Jab.
1883 Apr. 3.	CHAPMAN, ARTHUR DODWELL	Govt. Rys., Cape Town, C.C.
1888 Dec. 4.	CHAPMAN, GEORGE JAMES	32 Pembury Avenue, Tottenham, N.
1876 Mar. 7.	CHAPMAN, JAMES LAWRENCE	Woodcroft, Harrow-on-the-Hill.
1879 Feb. 4.	CHAPMAN, JOSEPH CRAWHALL	70 Chancery Lane, W.C.
1886 Apr. 6.	CHARNOCK, GEORGE FREDERICK	Technical College, Bradford.
1887 Mar. 1.	CHARRINGTON, EDMUND	Mayfield, Chislehurst.
1885 Feb. 3.	CHATHAM, WILLIAM	Ex. Eng., P.W.D., Hong Kong.
1881 Dec. 6.	CHAUTLER, FRANK	The Manse, Balham Park Rd., S.W.
1882 May 23.	CHENHALL, JAMES WARNE	Dart Vils., Totnes. [Chenhall, Totnes.]
1885 Feb. 3.	CHESTER, ALFREDO BENIGNO ALEX. ..	Selkirk Vils., Totnes.
1886 Apr. 6.	CHILD, GEORGE CHARLES	{ Kingston Metal Works, Alderley St., Birmingham.
1889 May 21.	CHILD, WILLIAM SAMUEL	Harbour Engineer, Aden.
1887 Jan. 11.	CHILDE, HENRY SLADE	Wakefield. [Childe, Wakefield. 33.]
1883 May 29.	CHIPPERFIELD, WM. RICH'D. HOPKINS	Longleat, Pope's Gr., Twickenham.
1890 Dec. 2.	CHIRICO, EVARISTO DE	13 University St., Athens, Greece.
1888 May 1.	CHISHOLM, ROSS	Madras Railway, Madras.
1881 Dec. 6.	CHRISTIE, HARRY BATHURST	P.W.D., Airsawella, Ceylon.
1890 Feb. 4.	CHRISTIE, WILLIAM INNES	{ Central Ry., Rosario de Santa Fé, Argentine Republic.
1886 Dec. 7.	CHUBB, HARRY WITHERS	43 Glengall Rd., Old Kent Rd., S.E.
1878 Jan. 15.	CHURCHWARD, GEORGE DUNDAS	c.o. H.B.M. Consul, Tientsin, China.
1851 May 20.	CHURCHWARD, WILLIAM HENRY	H.M. Dockyard, Pembroke.
1879 Feb. 4.	CHURCHWARD, WILLIAM PATRICK	Via Carlo Farini 42, Milano.
1883 Jan. 9.	CLARE, JESSE	Sleaford, Lincs.
1885 Dec. 1.	CLARK, ALEXANDER	Kirkcaldy, Fife, N.B. [Bristol.
1886 Dec. 7.	CLARK, CHARLES BROOKS	Trefanfa, Clarendon Rd., Redland,
1888 Dec. 4.	CLARK, EDWARD GEORGE	{ Nant-yr-Nell, Llanwrin, Machyn- lleth.
1888 Feb. 7.	CLARK, FREDERICK DIXON	Boro' Eng., Town Hall, R'dhill, Surrey.
1891 Feb. 3.	CLARK, GILBERT	10 Adam Street, Belfast.
1871 Dec. 5.	CLARK, OCTAVUS DEACON	Kokine, Orpington, Kent.
1891 May 5.	CLARK, WILLIAM FREDERICK	{ 82 Holyhead Rd., Handsworth, Staffs.
1886 May 18.	CLARKE, CHARLES HARWOOD	Ry. Dept., Colombo, Ceylon.
1890 Apr. 1.	CLARKE, CHARLES STANLEY	655 Calle Piedad, Buenos Ayres.
1869 Jan. 12.	CLARKE, CHRISTOPHER JAMES	Bath Road, Harlington.
1889 Dec. 3.	CLARKE, GEORGE HOWARD	B. F. Clarke, 14 Serjeant's Inn, E.C.
1890 Mar. 4.	CLARKE, GEORGE JAMES	Tees Conservancy, Stockton-on-Tees.
1883 Dec. 4.	CLARKE, HENRY WILLIAM	Meltr. Ship Canal, Ince, nr. Chester.
1889 Dec. 3.	CLARKE, JOHN FOLLIOTT MOSTYN	2 Uplands Terrace, Swansea.
1888 Apr. 10.	CLARKE, JOSEPH PERCY	655 Calle Piedad, Buenos Ayres.
1888 Dec. 4.	CLARKE, WILLIAM JOHN	Works Dept., Haslar, Portsmouth.
1890 Dec. 2.	CLARKSON, THOMAS, Wh.Sc.	6 Colonial Avenue, Minorics, E.
1865 May 2.	CLAYTON, ALFRED	Town Hall, Richmond, Victoria.
1888 Dec. 4.	CLEAVER, HENRY LOWTHIAN	King, King & Co., Bombay.
1883 May 1.	CLEBURNE, JAMES	Avoca Avenue, Blackrock, co. Dublin.
1879 Mar. 4.	CLEGG, BENJAMIN	2 Burlington Pl., Altrincham, Meltr.
1881 Mar. 1.	CLEGG, CHARLES	Club de Etrangeros, Buenos Ayres.

Date of Election.	ASSOCIATE MEMBERS.	
1884 Apr. 1.	CLEMES, JOHN HENRY	Cheriton, Chelston, Torquay.
1884 May 27.	CLEMINSHAW, THOMAS STANLEY ..	Launceston, Tasmania.
1879 Mar. 4.	CLEMINSON, JOHN	St. Paul's Chams., Ludgate Hill, E.C.
1872 Dec. 3.	CLEMMY, WILLIAM HENRY	45 Oriel Road, Bootle, Liverpool.
1889 Jan. 8.	CLERK, DUGALD	{ 13 Temple St., Birmingham. [Pumps, Birmingham.]
1888 Dec. 4.	CLIFTON, COURTENAY THORNTON ..	Ministry of Public Works, Cairo.
1874 May 12.	CLIMIE, WILLIAM	Masaya, Nicaragua.
1883 May 1.	CLOSE, JOHN FORBES	Egyptian Dredging Co., Cairo.
1877 Dec. 4.	CLOUGH, CHARLES FREDERIC	Eng.-in-Chief's Off., Adelaide, S. Aus.
1880 May 4.	CLOW, JAMES GILLESPIE HENRY ..	{ F. C. del Sur, Puebla, Mexico. [Clow, Puebla, Mexico.]
1889 Dec. 3.	COALES, HERBERT GEORGE	Local Board, Market Harborough.
1885 Feb. 3.	COATES, THOMAS	The Hollies, Elland, Yorks. [ford.]
1886 Feb. 2.	COATES, WILLIAM	6 Parkinson Chams., Market St., Brad-
1890 Dec. 2.	COATH, DAVID DECIMUS	Rangoon, Burma.
1864 Jan. 12.	COBB, GEORGE HENRY	Grosvenor Hotel, Pimlico, S.W.
1879 Apr. 1.	COBBOLD, EDGAR STERLING	All Stretton, Church Stretton, Salop.
1889 Mar. 5.	COCHRANE, FRANCIS JAMES	{ Central Uruguay Ry., Paso de los Toros, Monte Video.
1890 Apr. 1.	COCKBURN, ROBERT	Pennoxstone Court, Ross, Hereford.
1889 Mar. 5.	COCKBURN, SIDNEY MANTHORP ..	2 Prince's Mansions, Victoria St., S.W.
1890 Feb. 4.	COCKRILL, JOHN WILLIAM	Boro' Surveyor, Great Yarmouth.
1888 Feb. 7.	COCKSHOTT, FRANCIS EDWARD ..	Govt. Rys., Nanu Oya, Ceylon.
1891 Feb. 3.	COE, DAVID	Hope Cott., Commercial Rd., New- port, Mon.
1882 Dec. 5.	COGHLAN, TIMOTHY AUGUSTINE ..	Govt. Statistician, Sydney, N.S.W.
1862 Dec. 2.	COIMBRA, AUGUSTO TEIXEIRA ..	Walter, Hime & Co., Rio de Janeiro.
1887 May 3.	COLAM, WILLIAM NEWBY	22 Billiter Bldgs., Billiter St., E.C.
1886 Apr. 6.	COLE, CHARLES JOHN	W. Watson & Co., Bombay.
1891 Mar. 3.	COLE, HENRY GEORGE, A.K.C. ..	A. B. Clemes, Stawell, Victoria.
1876 Mar. 7.	COLE, THOMAS	11 Victoria Street, S.W.
1890 Dec. 2.	COLE, WILLIAM BARTHOLOMEW ..	9 Burton Road, Brixton, S.W.
1886 Dec. 7.	COLES, WALTER JOSEPH	Norman Vill., Elm Grove, Peckham,
1883 Dec. 4.	COLFOX, THOMAS ALFRED	Westmead, Bridport. [S.E.]
1881 Apr. 5.	COLLETT, ALFRED	B. A. & Pacific Ry., B. Ayres. [Africa.]
1886 Feb. 2.	COLLIE, JAMES	Colonial Eng., Bathurst, Gambia, W.
1887 Dec. 6.	COLLIN, ALFRED JONES	Bankfield, Prestwich, Manchester.
1880 Dec. 7.	COLLINGWOOD, WILLIAM	96 Queen's Rd., Allahabad, India.
1887 Dec. 6.	COLLINS, ARTHUR ELLISTON	Boro' Surveyor, Reading.
1884 May 6.	COLLINS, ERNEST	Wedderburn Rd., Hampstead, N.W.
1877 Mar. 6.	COLLINS, HENRY RAMSAY	Durban, Natal.
1891 Mar. 3.	COLLIS, WILLIAM HENRY, A.K.C. ..	129 Upper Stanhope St., Liverpool.
1881 Dec. 6.	COLQUHOUN, ARCHIBALD ROSS ..	{ Fort Salisbury, Mashonaland, South Africa.
1888 Mar. 6.	COLQUHOUN, WILLIAM	Bedwellty House, Tredegar, Mon.
1890 Feb. 4.	COLSON, CHARLES HENRY	H.M. Dockyard, Malta. [Bolton.]
1876 Mar. 7.	COLSON, THOMAS	Avon View, The Park, Lostock,
1882 Apr. 4.	COLSON, WILLIAM	{ New Entrance Works, Tyne Dock, South Shields.
1883 May 29.	COMMANS, ROBERT EDDEN	52 Gracechurch St., E.C.
1872 Apr. 9.	COMPTON, EDMUND	17 Portland Place, W.
1884 Dec. 2.	COMPTON-BRACEBRIDGE, JOHN EDWARD	3 Whitehall Place, S.W.
1887 Dec. 6.	CONCEIÇÃO, JOSÉ MARIA DA, JUN. ..	Caixa 321, Rio de Janeiro.
1889 Dec. 3.	CONDON, DANIEL EDWARD, M.E. ..	Waterworks, St. Louis, Mo., U.S.
1890 Mar. 4.	CONES, JAMES ALFRED	E. Jumna Canal, Saharunpore, India.
1888 May 15.	CONY, JOHN ROBERT	Meadowfield, Sleaford, Lines. [chester.]
1883 Dec. 4.	CONGREVE, HUBERT, A.K.C.	Ship Canal Co., Spring Gdns. Man-
1879 Mar. 4.	CONQUEST, ALEXANDER WILLIAM ..	Boro' Surveyor, Folkestone.
1874 Feb. 3.	CONYERS, WILLIAM	{ Agency Co. of New Zealand, Mel- bourne, Victoria.
1886 Dec. 7.	COODE, MONTGOMERY PENROSE ..	A. Scott & Co., Rangoon, Burma.
1887 Dec. 6.	COOK, FRANK PLANT	Mansfield Woodhouse, Notts.

Date of Election.	ASSOCIATE MEMBERS.		
1889 Feb. 5.	COOK, WALTER EDMUND	Water Dept., Pitt St., Sydney, N.S.W.	
1856 Apr. 1.	COOKE, ALFRED THOMAS	Eastridge, Ryde, Isle of Wight.	
1882 May 23.	COOKE, CHARLES EDWARD	Berry, nr. Sydney, N.S.W.	
1876 Dec. 5.	COOKE, <i>Professor</i> SAMUEL, M.A. ..	C.E. College, Poona, Bombay.	
1888 Dec. 4.	COOMBER, WILLIAM HORACE	Lanes. and Yorks. Ry., Manchester.	
1884 May 27.	COOMBS, CHARLES JOHN PLUMBE, B.A.	Lucas & Aird, Braunton, N. Devon.	
1881 Dec. 6.	COOPER, CHARLES FRIEND	Telegraph Wks., Pownall Rd., Dalston.	
1880 May 25.	COOPER, CHARLES HAMLET	Local Board Office, Wimbledon.	
1885 Dec. 1.	COOPER, FRANCIS ALFRED	Surveyor's Off., P.W.D., Hong Kong.	
1885 Dec. 1.	COOPER, JOHN	1 Parliament Sq., Edinburgh. [don.]	
1886 May 18.	COOPER, VIVIAN BOLTON DOUGLAS ..	5 Victoria St., S.W. [Megohm, Lon- Neptune Engine Works, Hull. [Nep- tune, Hull. 30.]	
1874 Feb. 3.	COOPER, WILLIAM		
1890 Dec. 2.	COPELAND, HENRY PAUL RAMSAY ..	Yarraville, Newtown, Sydney, N.S.W.	
1890 Dec. 2.	COPLAND, WILLIAM WALLACE	Local Board of Health, Sheerness.	
1890 Apr. 1.	CORDNER-JAMES, JOHN HENRY ..	10 Mansion House Chambers, Queen Victoria Street, E.C.	
1877 Dec. 4.	CORNES, CORNELIUS	76 Cannon St., E.C. [Credendum,	
1875 Apr. 6.	CORNISH, THOMAS SMERDON	Bee Hive, East Coast, Demerara.	
1883 May 1.	CORRY, ALFRED JAMES	Essex Ho., West Hill, Putney, S.W.	
1878 May 28.	CORRY, JOHN EDWARD	Dom Krasillinkoff, Sevastopol.	
1883 Feb. 6.	COSTE, JEAN LOUIS NAPOLEON	Dept. P.W., Ottawa, Canada.	
1880 May 4.	COSTOBADIE, WILLIAM PALLISER ..	Woolhampton, Reading.	
1887 Apr. 5.	COTTERELL, ALBERT PLAYER ISAAC ..	7 Baldwin St., Bristol.	
1866 May 15.	COTTERILL, JAMES HENRY, M.A., F.R.S.	18 Gloucester Place, Greenwich, S.E.	
1884 May 6.	COTTON, HENRY STREATFEILD	{ Hydraulic Power Co., 9 Bridge St. Westminster, S.W.	
1877 Feb. 6.	COTTRELL, HENRY EDW. PLANTAGENET	{ Rushmore, Harold Rd., Upper Nor- wood.	
1889 May 21.	COTTRELL, STEPHEN BUTLER	Overhead Ry., James St., Liverpool.	
1890 Feb. 4.	COUCHMAN, FRANCIS DUNDAS	King, King & Co., Bombay.	
1879 Feb. 4.	COUPER, FREDERICK	New River Office, Clerkenwell, E.C.	
1874 Feb. 3.	COUSINS, ARTHUR LESLIE		
1870 Dec. 6.	COWAN, CHARLES	6 Great Winchester Street, E.C.	
1887 May 3.	COWAN, EDWARD WOODROWE	Cathedral Chambers, Chester.	
1890 Feb. 4.	COWAN, JOHN, Jun.	175 Hope Street, Glasgow.	
1885 Feb. 3.	COWAN, PETER CHALMERS, B.Sc. ..	9 College Gardens, Belfast.	
1887 May 24.	COWARD, CHARLES ANDERSON	Gasworks, Sydney, N.S.W.	
1889 Dec. 3.	COWARD, GEORGE EDWARD	Slate Works, Recco, Ligure, Italy.	
1874 Jan. 13.	COWPER, CHARLES EDWARD	6 Great George Street, S.W.	
1876 Dec. 5.	COX, GRIFFITH NATHANIEL	Kingston Gasworks, Jamaica.	
1883 Jan. 9.	COX, HORACE BOARDMAN	Com. Paulista, Campinas, Brazil.	
1881 Mar. 1.	COX, THOMAS ADEY, B.A. ...	Grindlay's, 55 Parliament St., S.W.	
1883 Feb. 6.	COY, JOSEPH PRENDERGAST	King, Hamilton & Co., Calcutta.	
1886 Dec. 7.	CRAETREE, HENRY HERBERT		
1883 May 29.	CRAETREE, WILLIAM HENRY ROBINSON	32 King's Road, Doncaster.	
1889 Dec. 3.	CRAIG, CLARENCE	Govt. Rys., Haputale, Ceylon.	
1889 May 7.	CRAIG, ERNEST	Milton House, Alsager, Cheshire.	
1888 Apr. 10.	CRAIG, WILLIAM JEFFERS	{ Pendower, Earham Grove, Forest Gate, E.	
1888 Feb. 7.	CRANKANTHROP, CHAS. SPENCER EATON	1 Argyle Rd., Tottenham, N.	
1890 Dec. 2.	CRAMPTON, ARTHUR CECIL	Ex. Eng., Monyma, Upper Burma.	
1891 Mar. 3.	CRAVEN, ALBERT WILLIAM	468 Collins St., Melbourne, Victoria.	
1875 May 4.	CRAVEN, CHARLES ALFRED	Gasworks, Savile Town, Dewsbury.	
1888 Dec. 4.	CRAWFORD, ROBERT	Harbour Engineer, Greenock, N.B.	
1870 May 3.	CRAWFORD, WILLIAM FREDERICK, B.A.	{ P.O. Box 183, Johannesburg, Trans- vaal.	
1881 Mar. 1.	CREASY, LEONARD	Jaffna, Ceylon.	
1884 Feb. 5.	CREER, ALFRED	The Guild Hall, York.	
1883 May 29.	CRESSWELL, JOSEPH	54 Castle St., Dover.	
1884 Dec. 2.	CRICHTON, WILLIAM BATEMAN	13 Circus St., Greenwich, S.E.	
1880 Jan. 13.	CRICKMAY, WILLIAM	{ Ferguson Building, Vancouver, B. Columbia.	

Date of Election.	ASSOCIATE MEMBERS.	
1888 Dec. 4.	CRIPPS, FREDERICK SOUTHWELL ..	9 High St., Sutton, Surrey.
1881 Dec. 6.	CROFT, HENRY	Victoria, British Columbia.
1889 Dec. 3.	CROFTS, CHARLES JAMES	Harbour Works, Port Natal.
1882 Dec. 5.	CRONIN, EDWARD GEORGE	Dept. of Rds. & Bdgs., Sydney, N.S.W.
1888 Dec. 4.	CROOK, CHARLES RICHARD ERNEST ..	{ Central Ry., Rosario de Santa Fé, Argentine Republic.
1879 Mar. 4.	CROOK, HENRY TIPPING	9 Albert Sq., Manchester.
1879 May 27.	CROSBIE, JAMES	New Farm, Gamlingay, Sandy.
1883 Dec. 4.	CROSLAND, BENJAMIN	1 Rudolph Road, Kilburn, N.W.
1887 May 24.	CROSBLEY, WILLIAM	Sucre, Puerto Berrio, U.S. Colombia.
1882 Apr. 4.	CROSS, AMBROSE WOOTTON	Town Surveyor, Loughborough.
1887 Dec. 6.	CROSS, FREDERICK WILLIAM	Corporation St. West, Walsall.
1886 May 18.	CROSS, WILLIAM	Priory Gas Co., Leamington.
1888 Feb. 7.	CROSTHWAITE, PONSONBY MOORE, B.E.	8 St. James' Ter., Clonskeagh, Dublin.
1891 Feb. 3.	CROWE, PERCY BARBY GUSTAV OTTO	17 South St., Manchester Square, W.
1878 May 7.	CROWTHER, GEORGE HENRY	Huddersfield.
1887 Dec. 6.	CRUMMACK, HARKER CHARLES	Boro' Engineer, Hartlepool.
1881 May 31.	CUBITT, WILLIAM	Rumney House, Cardiff.
1879 Feb. 4.	CUCCO, GIOVANNI	83 Via Umberto, Biella, Italy.
1883 Mar. 6.	CUDWORTH, WILLIAM JOHN	Eng.'s Off., N. E. Ry., Darlington.
1890 Jan. 14.	CULLIS, EDMUND JOSEPH	Dock Office, Gloucester.
1881 Dec. 6.	CULVERWELL, GEORGE PARNALL, B.A.	County Down Ry., Belfast.
1890 Feb. 4.	CUMING, JAMES HENING, F.C.H. ..	King, King & Co., Bombay.
1877 Mar. 6.	CUNDALL, JOSEPH HENRY	Bedford Cot., Berrylands Rd., Surbiton.
1866 May 1.	CUNDY, JOHN	58 Drakefell Rd., Nunhead, S.E.
1875 Jan. 17.	CUNNINGHAM, JAMES HENRY	4 Magdala Cres., Edinburgh. [Mexico.
1882 Feb. 7.	CURLING, ARTHUR HENRY	F. C. del Sur, Apartado 25, Puebla,
1883 Dec. 4.	CURRY, WILLIAM ELMITT	{ Ramalho, Mulgrave Rd., Sutton, Surrey.
1888 Jan. 10.	CURRY, WILLIAM THOMAS	Waterworks, Backwell, Somerset.
1890 May 6.	CURTIS, ALFRED HARPER, B.A. ..	171 Stanhope Street, N.W.
1890 Dec. 2.	CUTBERT, GEORGE BLYTHE	Vancouver St., Albany, W. Australia.
1886 Dec. 7.	CUTLER, HENRY ALBERT	Local Board, Rawtenstall.
1874 May 12.	CUTLER, SAMUEL	16 Great George Street, S.W.
1889 Dec. 3.	DADABHOY, CURSETJEE	Cumballa Hill, Bombay.
1888 May 1.	DADABHOY, RATANSHAW	Bombay Ironworks, Bombay.
1891 Mar. 3.	DADLEY, BENJAMIN BAINES	Thames Ironworks, Blackwall, E.
1888 Dec. 4.	D'AETH, JOHN	P. W. D., Kingston, Jamaica.
1882 May 2.	DALIS, JOHN HANDSLEY	45 Lofthouse Place, Leeds.
1881 May 31.	DALLAS, JOHN EDWIN	King, King & Co., Bombay.
1887 Dec. 6.	DALRYMPLE-HAY, HARLEY HUGH ..	L. & S.W. Ry., Waterloo, S.E.
1883 Jan. 9.	DANFORD, GEORGE JAMES ATCHISON ..	Bremersdorp, Swaziland, So. Africa.
1874 Apr. 14.	DARBISHIRE, CHARLES HENRY	Plas Celyn, Penmaenmawr. [S.E.
1883 Dec. 4.	DARLINGTON, FREDERICK ARTHUR ..	11 St. Julian's Farm Rd., W. Norw'd,
1877 Feb. 6.	DARWIN, HORACE, M.A.	{ The Orchard, Huntingdon Road, Cambridge.
1873 Mar. 4.	DARWIN, SAMUEL BROTHERS	Gasworks, Portsmouth.
1890 Apr. 1.	DAVENPORT, CHARLES EDWARD ..	Heath Bank, Nantwich, Cheshire.
1882 Dec. 5.	DAVIDSON, JOHN GEORGE	Caledonian Canal, Inverness.
1882 May 2.	DAVIDSON, JOHN PATON	Parry & Co., Madras.
1891 Mar. 3.	DAVIES, DAVID	28 Thomas Street, Llanelly.
1886 Jan. 12.	DAVIES, DAVID GEORGE	Banco de Londres, Puebla, Mexico.
1888 May 1.	DAVIES, HARRY SEAGRAVE	W. Watson & Co., Bombay.
1882 May 2.	DAVIES, JAMES DAVID	c.o. Agra Bank, Calcutta.
1876 May 2.	DAVIES, JOHN JOSEPH	Maytown, North Queensland.
1888 Dec. 4.	DAVIES, MORGAN WILLIAMS	17 Adelaide Street, Swansea.
1876 Apr. 4.	DAVIES, THOMAS WILBERFORCE ..	48 Partridge Road, Roath, Cardiff.
1883 May 29.	DAVIES, WALTER CRADOC	3 Cambrian Pl., Swansea.
1888 Dec. 4.	DAVIES, WILLIAM AUGUSTUS	Town Surveyor, Aston, Birmingham.
1882 May 2.	DAVIS, ALFRED THOMAS	County Survey, Shirehall, Shrewsbury.
1885 Mar. 3.	DAVIS, FREDERICK	9 Bridge St., Westminster, S.W.
1875 Jan. 12.	DAVIS, HARRY LOUIS	G. E. Ry., Liverpool St., E.C.

Date of Election.	ASSOCIATE MEMBERS.					
1863 Apr. 14.	DAVIS, JOHN	..	..	..	..	Bifrons, Farnboro', Hants.
1889 Dec. 3.	DAVIS, JOSEPH	..	..	..	..	{ Lincoln's Inn Chambers, Elizabeth St., Sydney, N.S.W.
1891 Jan. 13.	DAVIS, NEVILLE BROOKES	..	..	..	..	Waterworks Office, Leicester.
1891 Feb. 3.	DAVISON, AUGUSTINE CAMPBELL	..	..	..	..	531 Holloway Road, N.
1881 Dec. 6.	DAVISON, ROBERT	..	..	..	..	Sherrard House, Middle Deal, Kent.
1884 Mar. 4.	DAVISON, ROBERT COPE HARDY	..	..	..	..	2 Danes Inn, Strand, W.C.
1882 Apr. 4.	DAVISON, THOMAS VINCENT	..	..	..	..	Boro' Surveyor, Windsor.
1887 Apr. 5.	DAVISON, THOMAS VINCENT HERBERT	..	..	..	..	Coombecote, Frances Rd., Windsor.
1871 Apr. 4.	DAWNAY, ARCHIBALD DAVIS	..	..	..	..	{ London Bridge House, E.C. [Dawnay, London.]
1884 May 27.	DAWSON, ERNEST FREDERICK	..	..	..	..	H. S. King & Co., 45 Pall Mall, S.W.
1875 Dec. 7.	DAWSON, JAMES HENRY	..	..	..	..	P.W.D., Colombo, Ceylon.
1886 Jan. 12.	DAWSON, WILLIAM	..	..	..	..	Eng.'s Off., L. & N.W. Ry., Bangor.
1886 Mar. 2.	DAWSON, WILLIAM	..	..	..	..	Town Hall, Leyton, E.
1879 Dec. 2.	DAWSON, WILLIAM BELL, M.A.	..	..	..	..	McGill College, Montreal.
1887 May 3.	DAY, JOSEPH	..	..	..	..	Spring Gardens, Bath.
1886 Dec. 7.	DEACON, MAURICE	..	..	..	..	Blackwell Collieries, nr. Alfreton.
1891 May 5.	DEAKIN, THOMAS HEDGES	..	..	..	..	Parkend, Lydney, Glos.
1891 Jan. 13.	DEANS, HAROLD, B.A.	..	..	..	..	{ Casilla 2153, General Paz 32, Belgrano, Buenos Ayres.
1881 May 3.	DEASE, PATRICK PAGET	..	..	..	..	King, King & Co., Bombay.
1886 Apr. 6.	DEBRATH, STANLEY	..	..	..	..	H. S. King & Co., 45 Pall Mall, S.W.
1882 Dec. 5.	D'EBRO, CHARLES ABRAHAM	..	..	..	..	53 William St., Melbourne, Victoria.
1877 Feb. 6.	DEES, JAMES GIBSON	..	..	..	..	Whitehaven.
1889 Feb. 5.	DE LA SALLE, CHARLES ROBERT BUNN	..	..	..	..	23 Queensborough Terrace, W.
1890 Apr. 1.	{ DELVES-BROUGHTON, VERNON WAR- BURTON .. .. . }	..	..	..	..	Lake Copais Co., Thebes, Greece.
1885 Dec. 1.	DE MELLO, CHARLES HARVEY	..	..	..	..	King, Hamilton & Co., Calcutta.
1886 Dec. 7.	DENISON, ALBERT	..	..	..	..	Victoria, Hong Kong. [Buenos Ayres.
1886 Dec. 7.	DENISON, GEORGE CHARLES	..	..	..	..	Club de Residentes Estrangeros,
1887 Dec. 6.	DENISON, JOSEPH BASIL	..	..	..	..	Junior Carlton Club, Pall Mall, S.W.
1886 Dec. 7.	DENNE, RALPH THOMAS	..	..	..	..	Lydd, Kent.
1881 May 31.	DENNIS, HENRY	..	..	..	..	Ruabon, N. Wales. [Dennis, Ruabon.]
1881 Apr. 5.	DENT, HASTINGS CHARLES	..	..	..	..	20 Thurloe Square, S.W.
1886 Dec. 7.	DENTON, HENRY RICHARD JOHN	..	..	..	..	TorLodge, Compton, Wolverhampton.
1868 Feb. 4.	DE RUSETT, EDWIN WILLIAM	..	..	..	..	Warden House, Tynemouth.
1884 Feb. 5.	DESPARD, FITZHERBERT RUXTON	..	..	..	..	4 Tokenhouse Buildings, E.C.
1885 Dec. 1.	DETSI, MIGUEL	..	..	..	..	{ Rua do Imperador 8, Petropolis, Rio de Janeiro. [Queensland.
1886 Mar. 2.	DEVERELL, THOMAS CLARK	..	..	..	..	Municipal Council, South Brisbane,
1889 Feb. 5.	DEVÉRIA, LEWIS MARIE THEODULE	..	..	..	..	{ Carenero Ry., Boulton & Co., La Guayra, Venezuela.
1883 May 1.	DEVONSHIRE, THOMAS EASTON	..	..	..	..	May Place, Crayford, Kent.
1884 Mar. 4.	DEWRANCE, JOHN	..	..	..	..	{ 158 Great Dover Street, S.E. [Dewrance, London. 4538.]
1888 Apr. 10.	DIBLEY, GEORGE	..	..	..	..	35 Queen Victoria Street, E.C.
1888 Apr. 10.	DICK, FREDERICK JOHN	..	..	..	..	P.W. Office, Dublin.
1886 Dec. 7.	DICKIE, ALEXANDER LOW	..	..	..	..	16 Albyn Terrace, Aberdeen.
1889 Apr. 2.	DICKINSON, ALFRED	..	..	..	..	Birmingham Rd., Darlaston, Staffs.
1888 Dec. 4.	DICKINSON, THOMAS RUSHOLM	..	..	..	..	Borough Surveyor, Hertford.
1878 May 7.	DICKSON, GEORGE WORKMAN, B.A.	..	..	..	..	Public Works, Trinidad, W. Indies.
1879 Dec. 2.	DICKSON, JOHN	..	..	..	..	Eastrow Cottage, Whitby.
1888 Dec. 4.	DIESELHORST, WILLIAM	..	..	..	..	28 Wellington Rd., Old Charlton.
1881 Dec. 6.	DIGGLE, JAMES	..	..	..	..	Boro' Engineer, Heywood.
1888 Dec. 4.	DIMIER, PAUL, A.K.C.	..	..	..	..	H. Robinson, 13 Victoria St., S.W.
1885 Feb. 3.	DISNEY, GEORGE WILLIAM, A.K.C.	..	..	..	..	Dist. Eng., Mozufferpore, India.
1886 Apr. 6.	DIXON, FRANCIS CHARLES	..	..	..	..	55 Lee Park, Blackheath, S.E.
1889 Dec. 3.	DIXON, WILLIAM BROWN	..	..	..	..	P. W. D., Perak, S.S.
1891 Feb. 3.	DOBSON, SYDNEY THORNTON	..	..	..	..	8 Duke St., St. James's, S.W.
1883 Feb. 6.	DOCKRAY, JOHN ARTHUR	..	..	..	..	Holme & King, Wymondham, Oak-
1891 Jan. 13.	DODD, FRANK WILLIAM, Wh. Sc.	..	..	..	..	37 Walbrook, E.C. [ham.
1884 Dec. 2.	DODD, JOHN HUGH	..	..	..	..	P.O., Kingston, Jamaica.

Date of
Election.

ASSOCIATE MEMBERS.

1890 Dec.	2.	DODD, PETER	Town Surveyor, Southend-on-Sea.
1875 Dec.	7.	DOHERTY, WILLIAM JAMES	29 Sir J. Rogerson's Quay, Dublin.
1889 May	7.	DOLBY, ERNEST RICHARD, Wh.Sc.	8 Princes St., Westminster, S.W.
1891 May	5.	DONAGHUE, JOHN, A.K.C.	Ynysybwl, nr. Pontypridd.
1889 Dec.	3.	DONOHUE, WILLIAM EDWARD, Wh. Sc.	R.A. Headquarters, Hong Kong.
1884 Feb.	5.	DOREY, HENRY FRANCIS	14 Bristol Road, Brighton.
1880 May	25.	DORNING, HERBERT	41 John Dalton St., Manchester.
1883 Dec.	4.	DOUGAL, ROBERT	33 Great George Street, S.W.
1887 Apr.	5.	DOUGALL, ANDREW, JUN.	Gasworks, Tunbridge Wells. [E.C.]
1874 Feb.	3.	DOUGLAS, JOHN	Francis & Sons, 17 Gracechurch St.
1885 Mar.	5.	DOUGLAS, JOHN, JUN.	44 Dale Street, Chiswick, W.
1891 May	5.	DOVE, JOHN CHARLES	St. Nicholas Ironworks, Carlisle.
1888 Feb.	7.	{DOWDALL, WILLIAM MACDONNELL} MITCHELL}	Shanghai, China. [Australia.]
1887 Apr.	5.	DOWLEY, EDMOND POWER, B.E. ..	Kimberley Goldfields, Western
1887 Feb.	1.	DOWNES, ROBERT HENRY BURNSIDE..	Town Hall, Hamilton, Victoria.
1880 Jan.	13.	DOWNIE, ALEXANDER	{Stanners Closes Steel Works, Wol- singham, Darlington.
1889 Mar.	5.	DOWNING, ARTHUR JOSEPH, B.E. ..	7 Alexandra Rd., Clifton, Bristol.
1858 Feb.	2.	DOWNING, ROBERT	10 Park Crescent, Oxford.
1877 Mar.	6.	DOWNING, SAMUEL FORBES, M.A. ..	Govt. Eng. Coll., Seebpore, Calcutta.
1872 Jan.	9.	DRAKE-BROCKMAN, WILLIAM	Agra, India.
1870 Dec.	6.	DRESSER, FREDERICK	{23 Edmund St., Liverpool. [Dresser, Liverpool. 205.]
1890 May	6.	DREW, NAPOLEON EDWARD	The Mount, Braughing, Herts.
1887 Mar.	1.	DRURY, ALEXANDER GRAHAM	2 Ravensbourne Park, Catford, S.E.
1890 Apr.	1.	DRURY, MARK EDWARD	{22 St. Stephen's Road, Westbourne Park, W.
1891 Mar.	3.	DRYLAND, ALFRED	Meopham, nr. Gravesend.
1888 Mar.	6.	DUARTE, JOÃO RAYMUNDO.. ..	Rua do Rezende 72, Rio de Janeiro.
1890 Dec.	2.	DUCKHAM, HEBER	Lewisham Road, S.E.
1889 Dec.	3.	DUFF, EDWARD JAMES, Wh. Sc. ..	{118 Ingleby Drive, Dennistoun, Glasgow.
1885 Dec.	1.	DUFF, WILLIAM AITKEN	J. Meldrum, Manila, Philippine Islds.
1889 Feb.	5.	DUFFY, RICHARD	Concepcion, Chili.
1885 Dec.	1.	DUFFY, WILLIAM JOHN, A.K.C. ..	P. W. Office, Hobart, Tasmania.
1882 Feb.	7.	DUGUID, HARRY GREENFIELD	18 Stanley Pl., Pimlico, S.W. [toria.]
1890 Dec.	2.	DUNCAN, ALFRED JOHN	418 Chancery Lane, Melbourne, Vic-
1891 Jan.	13.	DUNCAN, ANDREW	Brunstane Rd., Portobello, N.B.
1884 Dec.	2.	DUNCAN, DAVID JOHN RUSSELL.. ..	Kilmux, Leven, Fife, N.B.
1883 Dec.	4.	DUNCAN, THOMAS	3 Golden Square, Aberdeen.
1884 May	27.	DUNCANSON, THOMAS	Municipal Offices, Liverpool.
1888 Mar.	6.	DUNELL, CYRIL	J. Searight & Co., 7 E. India Avenue,
1887 Dec.	6.	DUNLOP, HERBERT HENRY GRAHAME	S. Maharratta Ry., Poona, Bombay. [E.C.]
1877 Feb.	6.	DUNLOP, HUGH GRAHAM	R. Price-Williams, 32 Victoria St.,
1885 Mar.	3.	DUNLOP, THOMAS	G.P.O., Melbourne, Victoria. [S.W.]
1876 Jan.	11.	DUNN, EDWARD ALEXANDER	6 Delahay St, Westminster, S.W. [W.C.]
1890 May	20.	DUNN, GEORGE BICKHAM	10 Sardinia St., Lincoln's Inn Fields,
1885 Jan.	13.	DUNN, PETER	1218 Hyde St., San Francisco, Cal.,
1883 Mar.	6.	DUNPHY, AUGUSTINE LOUIS	Govt. Rys., Pattipola, Ceylon. [U.S.]
1879 Feb.	4.	DUNSTON, ROBERT EDWARD	Motor Co., Plantsville, Conn., U.S.
1891 May	5.	DUPRÉ, EDWARD DOWNES	Boro' Eng.'s Office, Richmond, S.W.
1887 Dec.	6.	DUQUEMIN, JAMES HENRY.. ..	65 Victoria Rd., Guernsey.
1884 May	27.	DUTTON, SAMUEL TELFORD	Vulcan Ironworks, Worcester.
1887 Dec.	6.	DWYER, FREDERICK LAW, B.A. ..	Govt. Rys., Kimberley, Cape Colony.
1887 May	3.	DYACK, WILLIAM	Town Hall, Aberdeen.
1891 Feb.	3.	DYMOND, EDMUND ROBERT	{Harrison & Whiffen, 42 Margaret St., Sydney, N.S.W.
1890 Feb.	4.	DYSON, ROBERT CHARLES, F.C.H. ..	College Ho., College St., Islington, N.
1891 May	5.	EARL, HENRY DOUGLAS	L. & N. W. Ry., Crewe.
1887 Dec.	6.	EARLY, SYDNEY CHARLES.. ..	Continental Ice Co., Boulogne-s/Mer.

Date of Election.	ASSOCIATE MEMBERS.				
1876 Apr. 4.	EARNSHAW, DANIEL	23 Mount Pleasant, Lewisham, S.E.			
1880 Apr. 6.	EARNSHAW, JOHN THOMAS	Boro' Surveyor, Ashton-under-Lyne.			
1883 May 29.	EAST, ROWLAND HARRY	Ferro Carriles, Trujillo, Peru.			
1887 Dec. 6.	EASTHAM, JAMES COOK	Waterworks Office, Manchester.			
1867 Dec. 3.	EASTMAN, THOMAS	Valparaiso, Chili.			
1891 Mar. 3.	EASTON, JAMES RAMMELL	19 Norfolk Crescent, W.			
1867 Dec. 3.	EASTON, JOHN MARSHALL	Redholm, Helensburgh, N.B.			
1877 Apr. 10.	EATON, EDWARD MICHAEL	Waterworks Office, Sheffield.			
1885 Dec. 1.	EATON-SHORE, GEORGE	Boro' Surv.'s Off., Crewe.			
1883 Feb. 6.	EAYRS, JOHN THOMAS	Boro' Eng., Town Hall, W. Bromwich			
1888 May 1.	ECKERSLEY, WILLIAM ALFRED	12 Victoria Street, S.W.			
1878 Feb. 5.	ECKSTEIN, WILLIAM	187 Union St., Borough, S.E.			
1883 Dec. 4.	EDE, FRANCIS JOSEPH	Silchar, Cachar, India.			
1885 May 19.	EDEN, JOSEPH	Glenae House, Workington.			
1889 May 7.	EDGE, FREDERIC JAMES	Local Board, Cleator Moor.			
1883 May 29.	EDINGER, WILLIAM HENRY	35 Salmon's Lane, Limehouse, E.			
1883 Feb. 6.	EDWARDS, ANGELO EMANUEL	12 Percy St., Paisley Rd., Glasgow.			
1875 Dec. 7.	EDWARDS, GEORGE SELWYN	4E The Mansions, Earl's Court Rd.			
1867 Dec. 3.	EDWARDS, JOHN HYDE	41 Chaucer Rd., Bedford. [S.W.]			
1886 Dec. 7.	EDWARDS, OSBORNE ANTHONY GEORGE	{ Eng.'s Dept., L. & S. W. Ry., Water- loo, S.E.			
1887 Dec. 6.	EDWARDS, WALTER CLEEVE	Midland Ry., Greymouth, N.Z.			
1890 Jan. 14.	EDWARDS, WILLIAM BEN				
1890 Mar. 4.	EGERTON, CLAUDE FRANCIS ARTHUR	Bengal-Nagpur Ry., Goilkora, Bengal.			
1881 May 31.	EGERTON, ROBERT WALTER	P. W. D., Quetta, Beloochistan.			
1889 Apr. 2.	EKIN, TOM CHARLES	12 Little Queen St., Westr., S.W.			
1880 Dec. 7.	ELDRIDGE, JAMES	Gasworks, Oxford.			
1885 Dec. 1.	ELIOTT, GILBERT FRANCIS	Townsville, Queensland.			
1881 Mar. 1.	ELLERY, CHARLES STAFFORD	Gas L. & C. Co., Up. Bristol Rd., Bath.			
1885 Dec. 1.	ELLIOT, EDMUND COLVILLE	King, King & Co., Bombay.			
1886 Dec. 7.	ELLIOT, GODFREY TURNBULL	St. Antonio, Montavano, Italy.			
1890 May 20.	ELLIOT, MICHAEL	{ Empire Bldgs., Collins St., Melbourne, Victoria.			
1885 May 19.	ELLIOT, WILLIAM, JUN.	Ferro Carril del Sud, Buenos Ayres.			
1888 Dec. 4.	ELLIS, EDWARD	G. N. Ry., Leeds.			
1887 Dec. 6.	ELLIS, REGINALD EATON	Municipal Office, Madras.			
1880 Dec. 7.	ELLIS, ROBERT	101 George Street, Edinburgh.			
1888 May 1.	ELLIS, WILLIAM HENRY	Atlas Works, Sheffield.			
1886 Apr. 6.	ELMORE, JOHN OLIVER SURTEES	Eastern Electric Light Co., Bombay.			
1891 May 5.	ELMS, FRANCIS	G. W. Ry., Low Level, Wolverhampton.			
1884 May 27.	ELSTON, JOHN	H. S. King & Co., 65 Cornhill, E.C.			
1884 Jan. 8.	ELSWORTHY, EDWARD HOUTSON	Richardson & Cruddas, Bombay.			
1881 Mar. 1.	ELTON, CHARLES TIERNEY	G. I. P. Ry., Byculla, Bombay.			
1873 Dec. 2.	ELWIN, CHARLES	{ London County Council, Spring Gardens, S.W.			
1871 Dec. 5.	EMANUEL, BARROW, M.A.	2 Finsbury Circus, E.C.			
1889 Feb. 5.	ENGLISH, FREDERICK HENRY	9 John St., Adelphi, W.C.			
1881 Feb. 1.	ENNOR, CHARLES JOHN	42 Rua da Bella Vista, Foz, Oporto.			
1887 May 24.	ERAUT, GEORGE, JUN.	55 Parliament Street, S.W.			
1890 May 6.	ESSON, WILLIAM BEEDIE	Telegraph Wks., Pownall Rd., Dalston,			
1874 Dec. 1.	ESTALL, GEORGE	M. Dist. Ry., W. Brompton Wks., S.W.			
1851 Apr. 1.	ETTY, THOMAS BODLEY	Belmont Road, Scarborough. [N.E.]			
1887 Apr. 5.	EUNSON, HENRY JOHN	Kolhapur, Bombay.			
1871 Feb. 7.	EUNSON, JOHN	Gasworks, Northampton.			
1881 Mar. 1.	EVANS, ARTHUR CLEMENT	Ganges Canal, Rurki, India.			
1879 Feb. 4.	EVANS, ARTHUR GEORGE	Faironape, Weybridge. [Republic.]			
1887 Dec. 6.	EVANS, EDGAR IVOR	Gt. Western Ry., Mendoza, Argentine			
1878 Feb. 5.	EVANS, JENKIN JOHN	Sunny Side, Penarth, Cardiff.			
1890 Dec. 2.	EVANSON, FREDERIC MACDONNELL	{ Woodside, Earlsfield Rd., Wands- worth Common, S.W.			
1885 Jan. 13.	EVELEGH, LEWIS FREDERICK	Slide House, Newport, I.W.			
1886 Feb. 2.	EVERETT, JOHN EDWARD	Colbury, Totton, Southampton.			
1882 Jan. 10.	EWART, HENRY	30 Nelson St., Manchester.			

Date of Election.	ASSOCIATE MEMBERS.					
1882 Dec. 5.	EWENS, PAUL	..	..	..	..	Gruna, Wimbledon.
1883 May 1.	EWING, ROBERT	..	..	..	..	St. Serfs, Granton Rd. Edinburgh.
1868 Jan. 14.	FABER, WILLIAM COOKE, M.A.	..	..	..	..	Strode Manor, Beaminster, Dorset.
1883 May 1.	FAIRBANK, FRANK GRAHAM	..	..	..	..	Waterworks, Driffield, Yorks.
1891 Feb. 3.	FAIRHOLME, FREDERICK CHARLES, A.K.C.	..	..	..	..	G. W. Ry., Ivybridge, South Devon.
1886 Apr. 6.	FAIRLEY, WILLIAM	..	..	..	..	Local Board, Kettering.
1890 Jan. 14.	FAKIR CHAND, <i>Rai Sahib</i>	..	..	..	..	P.W.D., Ellichpur, India.
1880 Feb. 3.	FAREWELL, CHARLES WM. FREKE	..	..	..	..	Westwood, Lansdown, Bath.
1868 Jan. 14.	FARREN, GEORGE	..	..	..	..	Carnarvon.
1875 May 4.	FAVELL, THOMAS MILNES	..	..	..	..	Etruria Iron Wks., nr. Stoke-on-Trent.
1883 Mar. 6.	FAWCETT, RICHARD	..	..	..	..	Mancetter Quarries, Atherstone.
1889 May 21.	FAWCUS, ALFRED	..	..	..	..	Govt. Rys., Natal. [cus, Chester.
1888 May 1.	FAWCUS, WILLIAM PAUL JAMES	..	..	..	..	Cathedral Chambers, Chester. [Faw-
1887 Feb. 1.	FEARON, HENRY SOMERVILLE	..	..	..	..	Secretan & Co., 5 Gt. Winchester St.,
1884 Dec. 2.	FENDER, DAVID THOMAS	..	..	..	..	10 Victoria Street, S.W. [E.C.
1876 May 30.	FENN, ARTHUR GEORGE	..	..	..	..	39 Edith Rd., West Kensington, W.
1874 Dec. 1.	FENWICK, CHARLES RICHARD	..	..	..	..	Albany, Western Australia.
1872 Jan. 9.	FENWICK, JOHN	..	..	..	..	{ J. Rawlings, 39 Plastinton Gds. Canton, Cardiff.
1891 Jan. 13.	FERGUSON, JOHN DUNN	..	..	..	..	Calle Piedad 1129, Buenos Ayres.
1880 Dec. 7.	FERGUSON, WILLIAM, M.A.	..	..	..	..	Harbour Board, Wellington, N.Z.
1884 Dec. 2.	FERGUSON, JOHN COLEMAN	..	..	..	..	{ 622 Second St., Seattle, Washing- ton, U.S.
1886 Jan. 12.	FERNAU, JOHN JAMES CONSTANTINO	..	..	..	..	Belmont House, Carnarvon.
1884 Dec. 2.	FERREIRA, EDUARDO DE MORAES GOMES	..	..	..	..	Pernambuco, Brazil.
1868 May 5.	FERREIRA, JOÃO NERI	..	..	..	..	Rio de Janeiro.
1876 Jan. 11.	FFOLKES, MARTIN WILLIAM BROWNE	..	..	..	..	11 Delahay St., Westminster, S.W.
1873 May 6.	FIELD, EDWARD	..	..	..	..	22 Buckingham Street, W.C.
1882 Dec. 5.	FIELDEN, EDWARD BROCKLEHURST	..	..	..	..	Old Headington, Oxford.
1888 Jan. 10.	FINDLAY, GEORGE JAMES	..	..	..	..	Glanvrafon, nr. Wrexham.
1882 May 2.	FINNEY, JAMES BABBETT	..	..	..	..	{ D. C. Cameron, Water St., George- town, Demerara.
1886 Feb. 2.	FINNIMORE, BENJAMIN KINGTON	..	..	..	..	Kendarca, Darjeeling, India. [U.S.
1886 Apr. 6.	FIRTH, CHARLES	..	..	..	..	U.S. Asst. Eng., Wetumpka, Ala.
1884 Dec. 2.	FIRTH, GEORGE SEPTIMUS	..	..	..	..	G.P.O., Brisbane, Queensland.
1883 Dec. 4.	FIRTH, SYDNEY	..	..	..	..	Bd. of Works, Brisbane, Queensland.
1886 Mar. 2.	FISH, ROBERT	..	..	..	..	Bee Lawn, Tooting Bee Rd., Streat-
1889 Jan. 8.	FISHER, HENRY BEDWELL	..	..	..	..	L. B. & S. C. Ry., Brighton. [ham.
1888 May 15.	FISHER, OSMOND PHILIP, M.A.	..	..	..	..	Christ's College, Finchley, N. [S.E.
1885 Dec. 1.	FISHER, SACKVILLE	..	..	..	..	10 Camden Hill Rd., Upper Norwood,
1891 Apr. 7.	FISHER, WILLIAM DIXON	..	..	..	..	2 Afton Cottage, Midton Rd., Ayr.
1890 Feb. 4.	FITT, JOHN EDWARD	..	..	..	..	The Chesnuts, Wood Green, N. [N.B.
1889 May 7.	FITZGERALD, GERALD	..	..	..	..	P. W.D., Blenheim, Marlborough, N.Z.
1876 Dec. 5.	FITZGERALD, MAURICE FREDERICK, B.A.	..	..	..	..	37 Botanic Avenue, Belfast. [N.S.W.
1890 Dec. 2.	FITZ-GERALD, ROBERT DAVID	..	..	..	..	Roads and Bridges Dept., Sydney.
1883 May 29.	FITZGIBBON, GERALD	..	..	..	..	Ship Canal, Eastham, Cheshire.
1887 Feb. 1.	FITZMAURICE, MAURICE, B.E.	..	..	..	..	30 Denny St., Tralee, co. Kerry.
1886 Dec. 7.	FITZ-PATRICK, ROBERT PERSE	..	..	..	..	Plas Alaw, Ruthin, North Wales.
1880 May 25.	FLATT, BERNARD WILLIAM	..	..	..	..	{ Whitehall Club, Parliament St., S.W.
1889 Dec. 3.	FLAVELLE, ALBERT EDWARD	..	..	..	..	Wellbank, Homebush, Sydney, N.S.W.
1890 Dec. 2.	FLAVIN, WILLIAM RICHARD	..	..	..	..	Waterworks, Benares, India.
1891 May 5.	FLETCHER, GEORGE EDWIN	..	..	..	..	Cale Green Villa, Stockport.
1875 Feb. 2.	FLETCHER, JAMES RICHARD	..	..	..	..	4 Rectory Ter., Gosforth, Newcastle.
1887 May 24.	FLETCHER, JOHN	..	..	..	..	Boro' Engineer, Durban, Natal.
1886 Feb. 2.	FLETCHER, JOHN WILLIAM	..	..	..	..	L. & N. W. Ry., London Rd., Man-
1875 Feb. 2.	FLOOD, FREDERICK, M.A.	..	..	..	..	Denfield, Dorking. [chester.
1884 May 27.	FOORD, ALFRED MONTAGUE	..	..	..	..	Bursledon, Southampton.
1890 May 20.	FOORD, HERBERT TAYNTON	..	..	..	..	Bursledon, Southampton.
1887 Mar. 1.	FOOT, FREDERICK ROBERT	..	..	..	..	Timsbury, near Bath.
1888 Mar. 6.	FORBES, ANDREW	..	..	..	..	Broadway Testing Works, West., S.W.

Date of Election.	ASSOCIATE MEMBERS.		
1879 May 6.	FORBES, JAMES STAATS, JUN.	.. ..	Ry. Dept., Perak, S.S.
1873 May 6.	FORD, ARCHIBALD HENRY	.. ..	11 High Street, Portsmouth.
1883 May 29.	FORD, HENRY WALTER	.. ..	Calle Buen Orden 930, Buenos Ayres.
1889 Jan. 8.	FORD, HUGO ROBERT	.. ..	2,010 Av. Montes de Oca, Buenos Ayres.
1889 Apr. 2.	FORD, JAMES THOMAS	.. ..	{ Nicaragua Canal Office, 44 Wall St., New York, U.S.
1890 Apr. 1.	FORDER, WALTER GEORGE	.. ..	Board of Works, Plumstead.
1890 Apr. 1.	FORREST, ALFRED	.. ..	{ F.C. Santiago y Pontevedra, Villa- garcia, Spain.
1883 Mar. 6.	FORREST, BENJAMIN JAMES	.. ..	{ F. C. Villa Maria, Villanueva, Cor- doba, Argentine Republic.
1882 Dec. 5.	FOSTER, EDWARD WILLIAM PERCEVAL	.. ..	P.W.D., Cairo.
1890 Dec. 2.	FOSTER, FRANK	.. ..
1890 Feb. 4.	FOTHERGILL, JOHN REED	.. ..	1 Bathgate Ter., West Hartlepool.
1886 Mar. 2.	FOWLE, FULWAR CRAVEN	.. ..	Nagpur, C.P., India.
1889 Jan. 8.	FOWLER, ALEXANDER FARQUHARSON	.. ..	Ribble Navigation, Lytham.
1889 Dec. 3.	FOWLER, ALFRED MOUNTAIN, JUN.	.. ..	8 Warren Street, Stockport. [1274.]
1887 Dec. 6.	FOWLER, THOMAS WALKER	.. ..	317 Collins St., Melbourne, Victoria.
1885 Feb. 3.	FOWLER, WILLIAM HENRY, Wh. Sec.	.. ..	6 Victoria Station Approach, Man- chester.
1886 Feb. 2.	FOX, CHARLES HEYLAND	.. ..	1 Victoria Street, S.W. [chester.]
1873 Feb. 4.	FOX, FRANCIS WILLIAM	.. ..	14 Dean's Yard, Westminster, S.W.
1890 Feb. 4.	FOX, GUILHERME HENRIQUE	.. ..	Govt. Eng.'s Office, Selangor, S.S.
1872 Mar. 5.	FOX, WILLIAM HENRY	.. ..	Boro' Eng. & Sur., Barrow-in-Furness.
1884 Feb. 5.	FRANCIS, HARRY	.. ..	Waterworks Office, Devonport.
1864 Dec. 6.	FRÄNCKEL, EDWARD	.. ..	Atlas Works, Stockholm.
1879 Feb. 4.	FRANCKEN, WILLIAM AUGUSTUS	.. ..	Grindlay's, 55 Parliament St., S.W.
1891 Apr. 7.	FRANKLIN, LUKE, B.E.	.. ..	Lancs. & Yorks. Ry., Walkden, Lancs.
1881 Dec. 6.	FRASER, ERNEST GORDON	.. ..	H. S. King & Co., 65 Cornhill, E.C.
1879 Feb. 4.	FRASER, Sir MALCOLM, K.C.M.G.	.. ..
1890 Apr. 1.	FRASER, WILLIAM	.. ..	14 Radnor Rd., Canton, Cardiff.
1873 May 20.	FRASER, WILLIAM JOHN	.. ..	121 Adelaide Rd., Hampstead, N.W.
1891 Jan. 13.	FRAZER, THOMAS	.. ..	114 Broadway, Plaistow, E.
1877 Dec. 4.	FREEMAN, HENRY SOMERSON	.. ..	Gasworks, Wandsworth, S.W.
1884 Feb. 5.	FRENCH, JAMES	.. ..	Allen, French & Co., Kimberley, C.C.
1890 Dec. 2.	FREW, ROBERT DIXON ALISON	.. ..	{ A. Overend & Co., Brisbane, Queens- land. [head.]
1891 Apr. 7.	FRIEDERICH, HERBERT FERDINAND	.. ..	Grove Bungalow, Holyport, Maiden- head.
1878 May 7.	FRIEND, CHARLES ARTHUR	.. ..	San Vicente 17, Seville, Spain.
1888 Feb. 7.	FROBISHER, EDWARD	.. ..	12 Clifton Rd., Halifax.
1884 Dec. 2.	FROGGATT, WILLIAM	.. ..	Howsley Cot., Chapelton, Sheffield.
1882 Dec. 5.	FROST, HENRY FRANCIS BURNES	.. ..	King, Hamilton & Co., Calcutta.
1886 Dec. 7.	FRY, WILLIAM HENRY	.. ..	Portland Ho., Bury Rd., Gosport.
1866 Dec. 4.	FRYER, JOSEPH BREEDON	.. ..	110 Cannon Street, E.C.
1887 Dec. 6.	FUJIKURA, KENTATSU	.. ..	Todaikioku, Yokohama, Japan.
1890 Jan. 14.	FULTON, DAVID	.. ..	1 St. James' Square, Manchester.
1877 Feb. 6.	GABBETT, EDMOND RICH	.. ..	Corbally Cottage, Old Charlton.
1888 Jan. 10.	GAFNEY, FRANCIS SEBASTIAN BURKE	.. ..	P.W.D., Singapore, S.S.
1886 May 18.	GAHAN, HENRY HERBERT	.. ..	Grindlay, Groom & Co., Bombay.
1877 May 29.	GALBRAITH, JOHN, M.A.	.. ..	School of Practical Science, Toronto.
1889 May 21.	GALE, CHARLES HENRY	.. ..	Public Works Office, Hong Kong.
1884 Feb. 5.	GALE, ROBERT MACNISH	.. ..	Victorian Water Supply, Melbourne.
1891 Mar. 3.	GALES, ROBERT RICHARD, F.C.H.	.. ..	P.W.D., Mianwali, Punjab.
1884 May 27.	GALLON, WILLIAM	.. ..	Vestry Hall, Upper St., Islington, N.
1877 Dec. 4.	GALLOWAY, THOMAS LINDSAY, M.A.	.. ..	Argyll Colliery, Campbeltown, N.B.
1880 Dec. 7.	GAMBLE, SIDNEY GOMPERTZ	.. ..	Borough Surveyor, Grantham. [N.W.]
1889 Mar. 5.	GARBUTT, MATTHEW	.. ..	10 Marlboro' Hill, St. John's Wood,
1887 May 3.	GARDINER, JAMES	.. ..	G. P. O., Sydney, N.S.W.
1875 Feb. 2.	GARDINER, JOSEPH JONES	.. ..	Midland Ry., Paysandu, Uruguay.
1885 May 19.	GARDNER, JOHN TIPPING	.. ..	Luchana Co., Apartado 34, Bilbao.
1890 Apr. 1.	GARLAND, ERNEST TALBOT COPE	.. ..	Taiping, Perak, S.S.
1891 May 5.	GARRARD, JOHN JERVIS	.. ..	Bougie, Algeria.

Date of Election.	ASSOCIATE MEMBERS.				
1890 Dec. 2.	GARRETT, HENRY AUGUSTUS	..	..	..	Town Surveyor, Torquay.
1883 Dec. 4.	GASKELL, JAMES	..	..	..	Rectory Rd., Penarth, Cardiff.
1891 Feb. 3.	GATES, CHASEMORE PHILIP	..	..	..	{ F.C. del Oeste, Estacion Once Buenos Ayres.
1882 Dec. 5.	GATES, WILLIAM HAYDEN	..	..	..	11 Park Av., Willesden Green, N.W.
1887 Apr. 5.	GATT, LORENZO	..	..	..	10 Strada Seconda, Floriana, Malta.
1882 Dec. 5.	GEORGE, DUNCAN	..	..	..	King, King & Co., Bombay. [cutta.
1890 Dec. 2.	GHOSH, JOGINDRA NATH	..	..	..	9 Sreenath Das' La., Bowbazar, Cal.
1866 Feb. 6.	GIBB, EASTON	..	..	..	Beamsley Hall, near Skipton. [land.
1888 May 15.	GIBBON, EDWARD HARVEY	..	..	..	Asst. City Eng., Brisbane, Queens-
1874 May 5.	GIBBONS, CHARLES PRESTON	..	..	..	3 Marine Parade, Gravesend.
1889 Feb. 5.	GIBBONS, GEORGE BENJAMIN ALBERT	..	..	..	Eccles St. Gaswks., Liverpool.
1890 Jan. 14.	GIBSON, NORMAN WALTER JOHN	..	..	..	43 Fellows Rd., S. Hampstead, N.W.
1868 May 5.	GIBSON, THOMAS	..	..	..	{ 3 Victoria St., S.W. [Screwpile, London.]
1885 Dec. 1.	GIFFORD, EDWARD	..	..	..	133 Hartington Rd., S. Lambeth, S.W.
1890 Jan. 14.	GIFFORD, HERBERT JAMES	..	..	..	23 Queen Street, Edinburgh.
1891 May 5.	GILBERT, CHARLES HUMPHREY	Wh.Sc.	..	..	6 Arthur Street, Nottingham.
1885 Dec. 1.	GILES, WALTER	..	..	..	King, King & Co., Bombay.
1886 Apr. 6.	GILKES, GILBERT	..	..	..	Thorny Hills, Kendal.
1883 Dec. 4.	GILL, ALBERT AUGUSTUS	..	..	..	35 Commercial Road, Pimlico, S.W.
1886 May 4.	GILL, JOHN	..	..	..	Boro' Surveyor, Bangor.
1888 Apr. 10.	GILL, JOHN	..	..	..	Imperial Road, Fulham, S.W.
1878 Feb. 5.	GILL, JOHN CHARLES	..	..	..	Municipal Offices, Peterboro'.
1884 Mar. 4.	GILL, LEONARD ALDRIDGE	..	..	..	92 St. Paul's Rd., Camden Sq., N.W.
1886 Dec. 7.	GILLESPIE, JOHN	..	..	..	Government Rys., Cape Town, C.C.
1889 Mar. 5.	GILLHAM, FRANCIS	..	..	..	278 Winchester House, E.C.
1889 Dec. 3.	GILLIES, JAMES DOUGLAS	..	..	..	P.W.D., Wellington, N.Z.
1889 Dec. 3.	GILLINGHAM, ALFRED JOHN	..	..	..	Casilla Correos 1669, Buenos Ayres.
1862 Feb. 4.	GIRDLESTONE, HENRY JOHN	..	..	..	5a Garrick St., Covent Garden, W.C.
1884 Dec. 2.	GLEADOW, FREDERIC	..	..	..	26 Great George Street, S.W.
1886 Jan. 12.	GLOVER, JAMES, M.A.	..	..	..	Park Rd., Newton-le-Willows, Lancs.
1887 Dec. 6.	GLOYER, RALPH STEPHEN, M.E.	..	..	..	Midland Ry., Betwa, India.
1888 Dec. 4.	GLOYNE, ROBERT MAYNARD	..	..	..	City Surveyor's Office, Manchester.
1885 Feb. 3.	GODAI, RIYOSAKU	..	..	..	{ Handa Silver Mine, Dategoori Koori Shuku, Fukushima Ken, Japan.
1891 Mar. 3.	GODFREY, ARTHUR HILL	..	..	..	{ Govt. Rys., Bloemfontein, Orange Free State.
1888 Apr. 10.	GODFREY, ROBERT	..	..	..	King's Heath, Birmingham.
1879 May 6.	GODFREY, WILLIAM BERNARD	..	..	..	23 St. Swithin's Lane, E.C.
1891 Jan. 13.	GODWIN, HENRY COLTHURST	..	..	..	{ English Literary Society, 732 Calle Cuyo, Buenos Ayres.
1880 Dec. 7.	GOOCH, GEORGE	..	..	..	Barrow Gurney, near Bristol.
1888 Dec. 4.	GOOD, GEORGE LACY	..	..	..	41 King's Rd., Kingston-on-Thames.
1890 Mar. 4.	GOODALL, CLARENCE NOËL	..	..	..	20 Balmoral Cres., Crosshill, Glasgow.
1886 Apr. 6.	GOODALL, THOMAS EDWARD	..	..	..	57 Fitzroy Rd., Regent's Park, N.W.
1878 Feb. 5.	GOODFELLOW, ARTHUR TRETHOWAN	..	..	..	Rawal Pindi, India.
1884 Apr. 1.	GOODFELLOW, CHARLES EDWARD	..	..	..	11 Adam St., Adelphi, W.C.
1887 Dec. 6.	GOODMAN, <i>Professor</i> JOHN	Wh.Sc.	..	..	Yorkshire College, Leeds.
1880 Jan. 13.	GOODWIN, GEORGE ABRAHAM	Wh. Sc.	..	..	28 Victoria Street, S.W.
1889 Apr. 2.	GOODYEAR, HERBERT	..	..	..	Boro' Eng., Colchester. [W.
1890 Dec. 2.	GORDON, CHARLES GRIMSTON	..	..	..	Colonia, Grove Park Rd., Chiswick,
1888 Apr. 10.	GORDON, HENRY ANDREW	..	..	..	P.W.D., Wellington, N.Z.
1886 Dec. 7.	GORDON, WEBSTER BOYLE	..	..	..	H. S. King & Co., 45 Pall Mall, S.W.
1874 Jan. 13.	GORE, JOHN ELLARD	..	..	..	Beltra, Ballisodare, Sligo.
1876 Mar. 7.	GORMAN, WILLIAM AUGUSTUS	..	..	..	{ 187 Westminster Bridge Road, S.E. [Siebe, London.]
1887 May 3.	GOSLETT, CHARLES ALFRED	..	..	..	{ 189 Juncan Pl., Milwaukee, Wis., U.S.
1877 Dec. 4.	GOTTO, ARTHUR CHARLES	..	..	..	Corry & Co., Princes Dock, Belfast.
1884 Dec. 2.	GOTTO, PERCY MURLY	..	..	..	116 Gresham House, E.C.
1882 May 2.	GOULD, ROBERT	..	..	..	L. C. & D. Ry., Wandsworth Rd., S.W.
1891 Feb. 3.	GOUMENT, CHARLES ERNEST VERE	..	..	..	T. Wilson & Co., 24 Rood Lane, E.C.

Date of Election.	ASSOCIATE MEMBERS.				
1834 May 27.	GRAÇA, JOAO CORDEIRO DA	..	..	..	{ Rua de Gonçalves Dias 73, Rio de Janeiro. [Bedford.]
1878 Feb. 5.	GRAFTON, ALEXANDER	..	..	..	Vulcan Works, Bedford. [Grafton,
1877 May 1.	GRANT, ALEXANDER	..	..	..	e.o. Asst.-Secy., P.W.D., Allahabad,
1857 Feb. 3.	GRANT, CHARLES HENRY	..	..	..	Tasmanian Railway, Hobart. [India.
1888 Mar. 6.	GRANT, JOHN MAITLAND	..	..	..	Govt. Rys., Touws River, Cape
1883 Dec. 4.	GRANT, ROBERT CAMPBELL	..	..	..	13 Walbrook, E.C. [Colony.
1879 Dec. 2.	GRANT, SYDNEY STEWART	..	..	..	Lahore, Punjab, India.
1881 Dec. 6.	GRANVILLE, HENRY CHUDLEIGH	..	..	..	Ex. Eng., Lahore, Punjab.
1870 Apr. 5.	GRAYELL, DAVID	..	..	..	6 Queen Anne's Gate, S.W.
1886 Jan. 12.	GRAY, ANDREW PATON	..	..	..	D. F. Mitchell, Colombo, Ceylon.
1888 May 15.	GRAY, CHRISTIAN HAMILTON	..	..	..	Telegraph Works, Silvertown, E.
1875 Mar. 2.	GRAY, MATTHEW	..	..	..	Lessness Pk., Abbey Wood, Kent.
1891 Apr. 7.	GRAY, WILLIAM	..	..	..	44 Broad Street, Birmingham.
1888 May 15.	GRAY, WILLIAM ERNEST	..	..	..	Telegraph Works, Silvertown, E.
1891 May 5.	GRAY, WILLIAM WYTIERS	..	..	..	4 Benet Street, Cambridge.
1885 May 19.	GREATHEAD, WALTER HORATIO	..	..	..	Johannesburg, Transvaal.
1890 Dec. 2.	GREATOREN, ALBERT DANIEL	..	..	..	Boro' Engr.'s Office, Southampton.
1888 Apr. 10.	GREEN, EDWARD BAKER	..	..	..	Burdett Works, Limehouse, E.
1887 Apr. 5.	GREEN, GEORGE	..	..	..	Municipal Offices, Nottingham.
1879 Apr. 1.	GREEN, HENRY	..	..	..	Gas Company, Preston, Lancashire.
1890 Dec. 2.	GREEN, JOHN MAXWELL SULLIVAN	..	..	..	{ Contractor's Office, Farmhill, Claremorris, Ireland.
1889 Apr. 2.	GREEN, ROBERT	..	..	..	{ Silvermere, Clarence Road, King's Heath, Birmingham. [pine Islds
1887 Dec. 6.	GREENE, WILLIAM HENRY MACKENZIE	..	..	..	Hett, Maylor & Co., Manila, Philip-
1885 Mar. 3.	GREENHILL, FREDERICK MORRIS	..	..	..	1 Church St., Penarth, nr. Cardiff.
1865 May 2.	GREENHILL, THOMAS ARTHUR	..	..	..	Salesas, 4, Madrid.
1884 Apr. 1.	GREENLEES, ARCHIBALD	..	..	..	P.O., Renmark, South Australia.
1878 May 7.	GREENWOOD, WILLIAM	..	..	..	Croydon, nr. Sydney, N.S.W.
1882 Dec. 5.	GREGORY, GEORGE	..	..	..	G.I.P. Ry., Bombay.
1889 Feb. 5.	GREGSON, HERBERT BOYS, Wh. Sc.	..	..	..	Normanton, Sidcup, Kent.
1890 May 6.	GREGSON, JOHN	..	..	..	Woodbine House, Padiham, Lanes.
1886 Dec. 7.	GREIG, ALFRED	..	..	..	75 Queen Victoria Street, E.C.
1875 Apr. 6.	GREIG, ANDREW	..	..	..	Belle Vue, Tayport, N.B.
1881 Dec. 6.	GRESLEY, WILLIAM STUKELEY	..	..	..	P.O. Box 437, Erie, Pa., U.S.
1860 Mar. 6.	GREW, NATHANIEL	..	..	..	9 New Broad Street, E.C.
1876 Dec. 5.	GRIBBLE, THEODORE GRAHAM	..	..	..	76 Broad St., New York, U.S.
1880 Apr. 6.	GRIERSON, CHARLES JAMES	..	..	..	San Francisco Ry., Bahia, Brazil.
1881 Dec. 6.	GRIFFIN, BEVERLEY	..	..	..	South Clare Ry., Kilrush, co. Clare.
1880 May 4.	GRIFFIN, JOHN GEORGE	..	..	..	The Austr. Club, Sydney, N.S.W.
1876 May 30.	GRIFFITH, EDWARD FYFE GRIFFITH	..	..	..	{ La Crescenta, Los Angeles, Cal., U.S.
1891 May 12.	GRIFFITHS, HAROLD	..	..	..	Welford House, Sutton, Surrey.
1874 Jan. 13.	GRIFFITHS, JOHN ALFRED, B.Sc., Wh.Sc.	..	..	..	{ O'Keefe Estate, South Brisbane, Queensland.
1888 May 15.	GRIFFITHS, REGINALD WILLIAM	..	..	..	38 Lawford Rd., Camden Rd., N.W.
1888 Feb. 7.	GRIFFITHS, THOMAS	..	..	..	Water Supply Dept., Sydney, N.S.W.
1887 Apr. 5.	GRIFFITHS, WALTER GEORGE	..	..	..	Rhymney Ry., Cardiff.
1878 May 28.	GRIFFITHS, WILLIAM	..	..	..	61 Sinclair Rd., W. Kensington Pk., W.
1890 Apr. 1.	GRIMES, ARTHUR JOHN LUND	..	..	..	Indian Telegraph Dept., Bombay.
1881 May 31.	GRIMES, JAMES	..	..	..	District Board Eng., Madura, India.
1886 Dec. 7.	GRIMLEY, SAMUEL SLATER	..	..	..	Local Board Office, Hendon N.W.
1879 Mar. 4.	GRIMSHAW, JAMES ROBERT, B.E.	..	..	..	{ Cranmore, Ambleside Av., Streatham, S.W.
1888 Dec. 4.	GRIMSHAW, JAMES WALTER	..	..	..	Australian Club, Sydney, N.S.W.
1886 Dec. 7.	GRITTON, CHARLES EDWARD	..	..	..	20 Bedford Street, Strand, W.C.
1879 Apr. 1.	GROSE, ARTHUR	..	..	..	{ Chantry Lodge, St. Michael's Av., Northampton.
1850 Dec. 3.	GROVE, EDMUND	..	..	..	Norlington, Preston, Brighton.
1889 Dec. 3.	GROVE, FRANK	..	..	..	Brendon View, Stow Park, Newport,
1877 May 29.	GROVES, LEONARD	..	..	..	10 Amphill Square, N.W. [Mon.
1889 Jan. 8.	GROVES, LEVY JOHN	..	..	..	Crinan Canal, Ardishaig, N.B.

Date of Election.	ASSOCIATE MEMBERS.				
1888 Feb. 7.	GRUNWELL, HARTLEY	..	..	..	{ J. Goodwin & Co., Motherwell, near Glasgow.
1878 Feb. 5.	GUILLEMARD, ARTHUR FRANKLIN, B.A.	..	..	..	{ Perry & Co., Casilla 238, Monte Video.
1884 Jan. 8.	GUINNESS, ARTHUR PERCY	..	..	..	{ Coombe Valley Brewery, Wotton-under-Edge.
1882 Apr. 4.	GUMBLEY, WILLIAM	..	..	..	{ Steam Tramways Co., Guernsey. [Gumbley, Guernsey.]
1889 Dec. 3.	GUNYON, CHARLES JAMES	..	..	..	{ Earlham Grove House, Wood Green,
1880 May 25.	GUNYON, THOMAS PERCY	..	..	..	{ Chislehurst, Kent. [N.]
1890 Apr. 1.	GUTTMANN, OSCAR	..	..	..	{ Dunster House, Mark Lane, E.C.
1884 Dec. 2.	GWYTHYR, WILLIAM BANKS	..	..	..	{ P.W.D., Secretariat, Calcutta.
1884 Feb. 5.	HACK, RICHARD	..	..	..	{ Chelsea Waterworks, Surbiton.
1890 Dec. 2.	HADDIN, ANDREW AITKEN	..	..	..	{ 131 West Regent St., Glasgow.
1879 Feb. 4.	HADDON, HENRY EDMUNDS. B.A.	..	..	..	{ Jeypore, Rajputana, India.
1885 Dec. 1.	HADFIELD, FREDERICK JOSEPH	..	..	..	{ 12 Manor Rd., Stamford Hill, N.
1887 Mar. 1.	HADFIELD, ROBERT ABBOTT	..	..	..	{ Steel Foundry, Sheffield.
1883 May 29.	HAGUE, JOSEPH	..	..	..	{ Town Surveyor, Buxton.
1885 Dec. 1.	HAIGH, JONATHAN	..	..	..	{ Town Hall, Abergavenny. [Trent.
1879 May 27.	HAINES, JOSEPH RICHARD	..	..	..	{ Adderley Green Colliery, Stoke-on-
1879 Feb. 4.	HALES, WILLIAM PRIOR	..	..	..	{ Scottsdale Ry., Launceston, Tasmania.
1889 Mar. 5.	HALL, ALBERT FRANCIS	..	..	..	{ G. F. Blake Mfg. Co., 111 Federal St., Boston, Mass., U.S.
1890 Apr. 1.	HALL, CARL	..	..	..	{ Box 172, Durban, Natal.
1870 May 24.	HALL, CHARLES	..	..	..	{ P. & O. Co., 122 Leadenhall St., E.C.
1879 Apr. 1.	HALL, HENRY THOMAS	..	..	..	{ Belmont, Rondebosch, Cape Town.
1879 Feb. 4.	HALL, JOSEPH	..	..	..	{ Municipal Offs., Cheltenham.
1890 Feb. 4.	HALL, THOMAS BERNARD	..	..	..	{ 119 Colmore Row, Birmingham.
1891 Jan. 13.	HALL, WATKIN	..	..	..	{ Local Board, Great Crosby, Liver-
1885 Feb. 3.	HALL, WILLIAM SILVER, Wh Sc.	..	..	..	{ 9A Tsukiji, Tokio, Japan. [pool.
1881 Dec. 6.	HALLÉ, GUSTAV	..	..	..	{ Stegnsdorp, Komati Gold Fields,
1885 Dec. 1.	HALLER, JAMES CRACROFT	..	..	..	{ Swinton, Yorks. [Transvaal.
1886 Mar. 2.	HALLIDAY, JOHN	..	..	..	{ Harbour Trust, Melbourne, Victoria.
1869 Apr. 6.	HAMBLETON, FRANCIS HENRY	..	..	..	{ J. A. Hambleton & Co., Baltimore,
1860 Dec. 4.	HAMILL, EDWARD DAMES	..	..	..	{ 38 Langham Street, W. [U.S.
1882 Feb. 7.	HAMILTON, EDWARD	..	..	..	{ Rigwood, Saltburn-by-the-Sea.
1891 Feb. 3.	HAMMOND, PHILIP	..	..	..	{ Observatory, Bidston, Birkenhead.
1882 May 23.	HAMP, HENRY JOSEPH	..	..	..	{ Albion Buildings, New Swindon.
1889 May 7.	HANCOCK, WILLIAM JOHN	..	..	..	{ P.W.D., Perth, Western Australia.
1876 Feb. 1.	HANDLEY, HENRY JOHN	..	..	..	{ Water Conservation Dept., Sydney, N.S.W.
1887 May 3.	HANNA, SAMUEL	..	..	..	{ 33 Great George Street, S.W.
1888 Feb. 7.	HANNAFORD, CHARLES EDWARD	..	..	..	{ Boro' Surv.'s Off., Swansea.
1874 Feb. 3.	HANNAH, JOSEPH EDWARD	..	..	..	{ Waterwks, Winnipeg, Canada.
1883 May 1.	HANSON, EDWARD BEVERSHAM	..	..	..	{ L. T. & S. Ry., Fenchurch St., E.C.
1881 Jan. 11.	HANSON, JOHN HENRY	..	..	..	{ 20 Ramsden St., Huddersfield.
1874 Mar. 3.	HARDINGHAM, GEO. GATTON MELHUISE	..	..	..	{ Oriol Lawn, E. Moulsey. [Harding-
1890 Dec. 2.	HARDWICK, FRANCIS WILLIAM, M.A.	..	..	..	{ 1 Alexandra Terrace, Exmouth.
1877 Feb. 6.	HARDWICKE, ARDEN	..	..	..	{ Post Office, Durban, Natal.
1890 Dec. 2.	HARDY, CHARLES CHETWODE	..	..	..	{ Bhavnagar, Kathiawar, India.
1884 Dec. 2.	HARGRAVE, HENRY WILLIAM	..	..	..	{ John Robb, Robb's Buildings, Mel-
1886 Apr. 6.	HARGRAVE, JOSHUA HARRISON, B.A.	..	..	..	{ bourne, Victoria.
1882 Dec. 5.	HARGREAVES, ALBERTO JOS. PIMENTEL	..	..	..	{ Gt. Northern Ry., Amiens St., Dublin.
1884 Mar. 4.	HARGREAVES, CHARLES FLEMING	..	..	..	{ 70 Rua do Hospicio, Rio de Janeiro.
1875 May 4.	HARGREAVES, HENRY EDWARD	..	..	..	{ Caixa 472, Rio de Janeiro. [Janeiro.
1880 Dec. 7.	HARGROVE, JOHN EDWARD	..	..	..	{ 53 Rua General Camara, Rio de
1881 Dec. 6.	HARKER, HAROLD HAYES	..	..	..	{ Eastwell Ho., Shepherd's Bush Green.
1888 Jan. 10.	HARLEY, ARTHUR	..	..	..	{ Rio & Minas Ry., Cruzeiro, Rio de
1877 Feb. 6.	HARMAN, HARRY JONES	..	..	..	{ Janeiro.
					{ Wilson Sons & Co., Santos, Brazil.
					{ 36 Gaisford Street, N.W.

Date of Election.		ASSOCIATE MEMBERS.	
1890 Jan. 14.	HARNETT, ARTHUR	56 Fentiman Rd., Clapham Rd., S.W.	
1891 Feb. 3.	HARPER, HERBERT WILLIAM	63 Pitt Street, Sydney, N.S.W.	
1886 Dec. 7.	HARPER, WALTER ANDREW	63 Pitt Street, Sydney, N.S.W.	
1890 May 6.	HARRIOTT, GEORGE MOSS	H. S. King & Co., 45 Pall Mall, S.W.	
1890 Apr. 1.	HARRIS, FRANK, B.A.	Western Jumna Canal, Kurnal, India.	
1883 Feb. 6.	HARRIS, RICHARD	3 Vinery Vils., Regent's Pk., N.W.	
1889 Dec. 3.	HARRIS, SAMUEL CHARLES	76 Cannon St., E.C.[castle-on-Tyne.	
1889 Dec. 3.	HARRISON, ARTHUR	Standard Chams., Neville St., New-	
1879 Mar. 4.	HARRISON, EDMUND PONTIFEX ..	Box 172, Klerksdorp, Transvaal.	
1889 Dec. 3.	HARRISON, EDWARD HENRY	Madero Port Works, Buenos Ayres.	
1868 Dec. 1.	HARRISON, GEORGE	Fairlawn, West Hill, Sydenham, S.E.	
1875 Apr. 6.	HARRISON, GEORGE DAY	Staff. Potts. Water Works, Hanley.	
1884 Feb. 5.	HARRISON, GEORGE HOWARD	Norcott, Hampton Wick, Middlesex.	
1885 Apr. 14.	HARRISON, HUGH ERAT, B. Sc. ..	Leigh Chams., Gt. Ormond St., W.C.	
1887 Dec. 6.	HARRISON, JOSEPH, Wh. Sc.	{ Royal College of Science, Kensington, S.W.	
1888 May 1.	HARRISON, OLIVER HERBERT	{ Interceanic Ry., Apartado 663, Mexico.	
1891 Feb. 3.	HARRISON, ROBERT JOHN	Hill Side, Swinburne St., Derby.	
1889 Feb. 5.	HARRISON, THOMAS CHARLES JOHN ..	The Firs, Breaston, Derby.	
1887 May 24.	HARRISON, WILLIAM JOSEPH	7 Carteret St., Queen Anne's Gate, S.W.	
1879 May 27.	HARRISON, THOMAS HARNETT	Central Bldgs., North John St., Liver-	
1891 Feb. 3.	HARSTON, WILLIAM	Spital St., Dartford, Kent. [pool.	
1869 Feb. 2.	HART, CHARLES	3 Avenue Rd., Leamington.	
1877 Feb. 6.	HART, JAMES	Slaughter, King Co., Washington, U.S.	
1886 Mar. 2.	HARTLEY, RICHARD JAMES	Town Hall Chambers, Halifax.	
1867 Apr. 2.	HARTREE, WILLIAM	Havering Ho., Dartmouth Pt., Lewisham.	
1883 Jan. 9.	HARVEY, HENRY NICHOLAS	Hayle, Cornwall.	
1890 May 6.	HARVEY, JOHN BROWN	Maryport, Cumberland.	
1880 Dec. 7.	HARVEY, ROBERT	1 Palace Gate, W.	
1873 Apr. 1.	HARVEY, THOMAS FLETCHER	Merthyr Tydvil.	
1885 Feb. 3.	HASEGAWA, KINSKE	Govt. Rys., Tokio, Japan.	
1888 Feb. 7.	{ HASKETT-SMITH, EDMUND LYONS WEL- LESLEY, A.K.C. }	{ 6 Queen Anne's Gate, S.W. [Bacil- lus, London.] }	
1890 May 6.	HASSARD, CHARLES	Hoddesdon, Herts.	
1884 Feb. 5.	HASSELL, LLOYD	Ry. Dept., Brisbane, Queensland.	
1883 May 1.	HAUGHTON, WALTER RALEIGH	E. Bengal Ry., Rajhari, India.	
1891 May 5.	HAWES, FREDK. BENJAMIN OLIPHANT	118 East Ferry Road, Millwall, E.	
1886 Dec. 7.	HAWKINS, EDWARD JACKSON	Inglewood, Victoria. [S.E.	
1890 Mar. 4.	HAWKINS, HERBERT SPONG	L. B. & S. C. Ry., London Bridge,	
1881 Dec. 6.	HAWKINS, ROBERT WILLIAM LYONS ..	Eastern Jumna Canal, Delhi, India.	
1891 May 5.	HAWTREY, ALBERT NICHOLLS	42 Oseney Crescent, N.W.	
1875 Mar. 2.	HAY, JAMES ALEXANDER CAMERON ..	Royal Arsenal, Woolwich.	
1890 May 6.	HAYCROFT, JAMES ISAAC, M.E. ...	{ Ocean Street, Woollahra, Sydney, N.S.W.	
1883 Apr. 3.	HAYES, EDWARD	{ 12 Gt. St. Helen's, E.C. [Hayes, Stony Stratford.] }	
1879 Dec. 2.	HAYES, HERBERT EDWARD HORACE ..	P.W.D., Galle, Ceylon.	
1876 Dec. 5.	HAYES, JOHN	{ Hamilton Ironworks, Garston, Liverpool.	
1884 May 27.	{ HAYES, RICHARD FREDERIC FITZ- EDMUND, B.A.I. }	{ 14 Cranley Place, Onslow Sq., S.W.	
1889 Dec. 3.	HAYLLAR, HERBERT FRANCIS	15 Via Montughi, Florence.	
1882 Dec. 5.	HEAPHY, FRANCIS BRADSTREET	16 Kersley St., Battersea Pk., S.W.	
1883 Feb. 6.	HEAPHY, THOMAS MUSGRAVE	19 Lombard St., E.C.	
1891 Apr. 7.	HEARNE, EDWARD BERESFORD, M.E.	Town Hall, Belfast.	
1873 May 20.	HEATH, ARTHUR HENRY	Royal Indian Eng. Coll., Staines.	
1876 Apr. 4.	HEATH, FRANCIS AUGUSTUS, B.A. ..	J. Quick & Son, 36 Gt. Geo. St., S.W.	
1891 Apr. 7.	HEATLIE, ARTHUR, B.A.	{ Vaal River Ry., Bloemfontein, Orange Free State.	
1890 May 6.	HEATLY, HARRY	7 Store Rd., Ballygunge, Calcutta.	
1884 Jan. 8.	HEATON, GEORGE	King Street, Wigan.	
1889 Dec. 3.	HEEB, SIDNEY BEDFORD BEYES	Annesley Hall, Dyke Rd., Brighton.	

Date of Election.	ASSOCIATE MEMBERS.	
1886 Dec. 7.	HEBBLETHWAITE, FRANK HIRST ..	F. C. del Sud, Rio Grande do Sul,
1886 Mar. 2.	HEDERSTEDT, WILLIAM ROBERT PAUL	E.I. Ry., Jubbulpore, India. [Brazil.
1876 Dec. 5.	HEDGMAN, WILLIAM SOUTHWOOD ..	75 Upper Ground Street, S.E.
1889 Feb. 5.	HEINKÉ, EDWIN HARRY ALFRED ..	Fairhope, Byne Rd., Sydenham, S.E.
1885 May 19.	HELLINS, HENRY HERBERT	Gwyn Ho., Ely Rd., Llandaff.
1889 Dec. 3.	HELPS, JAMES WILLIAM	Gasworks. Croydon. [ham, S.W.
1885 Feb. 3.	HEMINGWAY, ABRAHAM	2 Morecambe Ter., Dawes Rd., Ful-
1890 Feb. 4.	HENDERSON, HECTOR WILLIAM BAILLIE	Brisbane, Queensland.
1882 May 23.	HENDERSON, HERBERT	{ 65 Belmont Drive, Newsham Pk., Liverpool. [Victoria.
1890 Mar. 4.	HENDERSON, JAMES ALLAN	Water Supply Trust, Bairnsdale,
1878 Jan. 15.	HENDERSON, JOHN JAMES	8 Bank Street, Dundee.
1885 Jan. 13.	HENDERSON, STEPHEN, M.A.	Beaconsfield, Mackay, Queensland.
1885 May 5.	HENDERSON, WILLIAM	{ B. Huntsman, 3 McArthur Place, Carlton, Melbourne, Victoria.
1881 Dec. 6.	HENRIQUES, CECIL QUIXANO	113 Cannon Street, E.C.
1885 Jan. 13.	HENSHALL, EDWARD	Holmville, Methley, Leeds. [S.W.
1884 Dec. 2.	HENSHAW, CHARLES CORNELIUS ..	2 St. John's Hill Grove, Wandsworth,
1889 May 7.	HENZELL, CHARLES GEORGE	Waterworks, Horsley, Otterburn.
1883 Dec. 4.	HERBERT, ARTHUR WILLIAM	61 Longridge Rd., Earl's Court, S.W.
1891 Mar. 3.	HERN, ARTHUR HENRY	69 Victoria Street, S.W.
1875 May 4.	HERRING, JOHN WILLIAM	Bdge. Vil., Ashbrook Rd., Sunderland.
1885 Jan. 13.	HERSEY, GEORGE WILLIAM	70 Oxford Street, W.
1880 May 4.	HESKETH, EVERARD	Dartford Ironworks, Kent.
1885 May 19.	HESLOP, THOMAS HIND BLUMER ..	Co. Surveyor, Norwich.
1878 Feb. 5.	HESS, ALBERT JOSIAH	109 Jermyn Street, S.W.
1877 May 29.	HETT, CHARLES LOUIS	Ancholme Ironworks, Brigg. [Hett,
1874 Dec. 1.	HEWAT, WILLIAM MARSHALL	P.W.D., Fayoum, Egypt. [Brigg.]
1876 Feb. 1.	HEWITT, GEORGE COLTHURST ..	Serridge Ho., Coalpit Heath, Bristol.
1889 May 21.	HEWSON, GEORGE	Boro' Engineer's Office, Leeds.
1874 Dec. 1.	HEWSON, JOHN	9 Forbes St., Bombay.
1883 May 1.	HEYLAND, HERBERT KYFFIN	Santos, Brazil.
1890 Dec. 2.	HICK, GEORGE WILLIAM	{ Metropolitan Electric Supply Co., 4 Waterloo Place, S.W.
1887 May 24.	HIDE, WILLIAM SEYMOUR	J. Samuel White, East Cowes, I. W.
1889 Dec. 3.	HIGGINS, THOMAS WAGHORN ELFORD	17 Victoria Grove, Chelsea, S.W.
1888 Dec. 4.	HIGGINS, GEORGE	Malvern, Melbourne, Victoria.
1888 Jan. 10.	HIGHAM, GEORGE WILLIAM	8 Atterbury Rd., Harringay, N.
1890 Feb. 4.	HIGHET, DAVID JOHN	Kwala Lumpor, Selangor, S.S.
1884 Dec. 2.	HIGHET, ROBERT SWAN	Williamfield, Ayr, N.B.
1883 May 1.	HIGHT, ARTHUR EDWARD	Grindlay, Groom & Co., Bombay.
1891 Mar. 3.	HILDRED, EDWARD THOMAS	Municipal Offices, Southampton.
1889 May 7.	HILL, ALEXANDER	20 Rua de San Paulo 1 ^o , Lisbon.
1888 May 15.	HILL, ALFRED JOHN, Wh. Sc.	3 Chobham Rd., Stratford, E.
1884 Jan. 8.	HILL, ARTHUR, F.C.II.	King, King & Co., Bombay.
1887 Feb. 1.	HILL, ARTH. EDM. BRETON, B.A.Sc.	New Westminster, British Columbia.
1887 Dec. 6.	HILL, HENRY ASHTON	{ 51 Falkland Road, Egremont, Cheshire.
1873 Apr. 1.	HILL, JAMES WOODWARD	{ Victoria & Bedford Ironworks, Bed- ford. [Hill, Bedford.]
1874 Apr. 14.	HILL, LESLIE CRASWELLER	3 Bartholomew Lane, E.C.
1883 May 29.	HILL, LUKE MULLOCK, B.E.	Georgetown, Demerara.
1886 May 18.	HILL, WILLIAM	Waterworks, Belfast.
1887 May 3.	HILL, WILLIAM	Witton-le-Wear, Durham.
1880 May 25.	HILL, WOODMAN	Leventhorpe, Gosport.
1885 Feb. 3.	HILLS, ARNOLD FRANK	Thames Ironworks, Blackwall, E.
1878 Jan. 15.	HILTON, FRANKLIN	Bolckow, Vaughan & Co., Middlesbro'.
1890 May 20.	HINDS, HERBERT, A.K.C.	{ Nisbet & Hinds, 95 Leadenhall St., E.C.
1889 Jan. 8.	HINNELL, HENRY LEONARD	13 Knowsley Chambers, Bolton.
1881 May 3.	HIRD, GEORGE SMITH	Deputy Boro' Surveyor, Sheffield.
1889 Jan. 8.	HISCOCKS, ALFRED MOSER	81 Borough Road, S.E.
1879 Feb. 4.	HOARE, EDWARD ARTHUR	Lake St. John Ry., Quebec, Canada.

Date of Election.		ASSOCIATE MEMBERS.	
1888	Dec. 4.	HOBBS, GEORGE	Castries Harbour, St. Lucia, W.I.
1870	Dec. 6.	HOBSON, JOHN FALSHAW	Washington Ironworks, Durham.
1891	May 5.	HODGE, HENRY WILSON	Phoenix Bridge Co., Phoenixville, Pa.,
1878	Jan. 15.	HODGE, JOHN LAKEMAN	22 Courtenay St., Plymouth. [U.S.]
1878	Jan. 15.	HODGES, EDWARD	Naini Tal, N.W.P., India.
1891	Mar. 3.	HODGES, PERCY WALTER OGILVIE	Garlmeilio, Mitcham, Surrey.
1881	Dec. 6.	HODGES, ROBERT NATHANIEL	King, King & Co., Bombay.
1890	Apr. 1.	HODGKIN, PHILIP ELIOT	111 Church Rd., Richmond, S.W.
1888	Dec. 4.	HODGKINSON, ALFRED JAMES	{Temperance Bldgs., Swanston St., Melbourne, Victoria.
1889	Dec. 3.	HODGKINSON, GEORGE	8 Osborne Villas, Ramsgate.
1885	Feb. 3.	HODGSON, HARRISON	Costa Rica Ry., Cartago, Costa Rica.
1886	Dec. 7.	HODGSON, JOHN SLACK	Sewerage Commrs., Boston, U.S.
1885	Dec. 1.	HODGSON, WILLIAM JAMES	St. Helen's Local Board, Ryde, I.W.
1879	Feb. 4.	HODSON, CHARLES WILLIAM	Grindlay, Groom & Co., Bombay.
1886	Feb. 2.	HOGG, ALEXANDER JABEZ	{So. Mahratta Ry., Hubli, Deccan, India.
1890	May 20.	HOLDEN, GEORGE HENRY	41 Corporation Street, Manchester.
1888	Mar. 6.	HOLLIDAY, JOHN	St. James's Gate Brewery, Dublin.
1885	May 5.	HOLLOM, JOHN BRAMWELL	J. Lysaght, 36 Gracechurch St., E.C.
1880	Feb. 3.	HOLME, CHARLES HENRY	Oak Lodge, Naini Tal, N.W.P., India.
1890	Apr. 1.	HOLME, JOHN CARTMEL	Firbank Cottage, Helsby, Cheshire.
1888	Dec. 4.	HOLMES, EDWARD	13 Northumberland Rd., Sheffield.
1884	Jan. 8.	HOLMES, JOHN HENRY	{Wellburn, Jesmond, Newcastle. [Holmes, Newcastle-on-Tyne. 278.]
1887	Feb. 1.	HOLMES, ROBERT WEST	Res. Eng., P.W.D., Wellington, N.Z.
1873	Dec. 2.	HOLMES A COURT, Hon. ARTH. WYNDHAM	Kerby & Co., 440 Oxford Street, W.
1883	Feb. 6.	HOLT, ARTHUR	Boro' Surv.'s Off., Lewes.
1875	Jan. 12.	HOLT, GEORGE HENRY	10 Richmond Terrace, Blackburn.
1875	Feb. 2.	HOLT, HENRY PERCY	The Cedars, Didsbury, Manchester.
1883	Feb. 6.	HOLT, PERCY WILLIAM MONCKTON	{Glenfern, Kyber Pass, Auckland, N.Z.
1883	May 29.	HOLTUM, WILLIAM HENRY	5 Tavistock St., Bedford Sq., W.C.
1863	Feb. 3.	HOLTZAPFFEL, JOHN JACOB	Windmill Hill Ho., Hampstead, N.W.
1879	Dec. 2.	HOME, JOHN HOME	Quamby, Tasmania.
1881	May 31.	HOMERSHAM, SAMUEL COLLETT,	19 Buckingham St., Adelphi, W.C.
1884	Jan. 8.	HONEYSETT, ARTHUR	Calle Piedad 1129., Buenos Ayres.
1884	Dec. 2.	HOOLEY, COSMO CHARLES	Barton Union, Patrieroft, Manchtr.
1886	Dec. 7.	HOOLEY, EDGAR PURNELL	Co. Surv., Shire Hall, Nottingham.
1890	Feb. 4.	HOOPER, HERBERT ROSS, M.A.	31 Cambridge Road, Brighton.
1877	Dec. 4.	HOPKINSON, ALFRED	Castle Chams., Market Pl., Bury.
1886	May 18.	HOPKINSON, CHARLES HEREERT	Ferro Carril del Sud, Buenos Ayres.
1889	May 7.	HOPKINSON, FREDERICK THOMAS	{Pearson & Son, G. W. Ry., Ivy- bridge, Devon.
1889	Apr. 2.	HORBURY, GEORGE FRANCIS	Richardson and Cruddas, Bombay.
1882	Apr. 4.	HORN, DAVID BAYNE, F.C.H.	King, Hamilton & Co., Calcutta.
1886	Apr. 6.	HORN, TOM ALEXANDER	46 Bessborough St., Pimlico, S.W.
1874	Dec. 1.	HORN, WILLIAM EDWARD	35 Vincent Sq., Westr., S.W. [chester.
1889	Dec. 3.	HORNER, WALTER	16 Lime Grove, Oxford Rd., Man-
1879	Apr. 1.	HORNIDGE, SAMUEL	Club of Wn India, Poona, Bombay.
1883	Feb. 6.	HORSLEY, CHARLES CRESSY	29 Hornsey Rise Gardens, N.
1883	May 1.	HOSKINGS, ARTHUR BERRIMAN	7 Northbrook Rd., Lee, S.E.
1883	Jan. 9.	HOUGHTON, THOMAS HARRY	{Post Office Chambers, Pitt St., Syd- ney, N.S.W. [Expansion, Sydney.]
1886	Apr. 6.	HOULTON, DAVID	Parramatta, N.S.W.
1888	Jan. 10.	HOUSDEN, WILLIAM PREST	{P. W. D., Saharanpore, N. W. P., India.
1881	Apr. 5.	HOUSTON, JAMES LENNOX	Muelle Tajamar, La Guaira, Vene-
1881	Mar. 1.	HOW, WILLIAM FIELD, Wh. Sec.	G.P.O., Sydney, N.S.W. [zuela.
1886	Dec. 7.	HOWARD, FRANK GEERE	9 Gayton Rd., Harrow.
1886	May 18.	HOWARD, JOHN GEORGE	Klerksdorp, S.A.R., viâ Cape Town.
1874	Feb. 3.	HOWARD, WILLIAM FREDERICK	13 Cavendish St., Chesterfield.
1891	Feb. 3.	HOWARTH, FRANK	County Council, Spring Gardens, S.W.

Date of Election.	ASSOCIATE MEMBERS.				
1889 Mar. 5.	HOWATSON, ANDREW	{	Avenue de la Grande Armée 13, Paris. [Victoria.]		
1891 May 5.	HOWDEN, THOMAS MONTAGU	{	Water Supply Dept., Melbourne,		
1883 May 29.	HOWELL, SAMUEL EARNSHAW	{	The Brook Steel Works, Sheffield [Howell. Sheffield.]		
1883 Dec. 4.	HOWORTH, CHARLES HENRY	{	Invercargill, N.Z.		
1882 Dec. 5.	HUDLESTON, ANDREW JOHN	{	Dharwar, viâ Bombay.		
1884 Feb. 5.	HUDLESTON, FERDINAND	{	Mersey Ry., James St., Liverpool.		
1890 Dec. 2.	HUDSON, FREDERICK WILLIAM	{	Docks, Cumberland Basin, Bristol.		
1879 May 27.	HUDSON, JAMES CADOUX	{	75 Upp. Ground St., Blackfriars, S.E.		
1891 Feb. 3.	HUGHES, HERBERT WILLIAM	{	Priory Farm House, Dudley.		
1879 May 6.	HUGHES, JOHN ELLIS	{	6 Alexandra Villas, Western Road,		
1890 Feb. 4.	HUGHES, WILLIAM GEORGE CRAWFORD	{	28 Victoria Street, S.W. [Southall.]		
1878 May 28.	HUGHES, WILLOUGHBY ROCHESTER ..	{	Wapella, N.W.T., Canada. [W.]		
1881 Feb. 1.	HUGHES-HALLETT, CH. FREDERICK, M.A.	{	41 St. Stephen's Av., Shepherds Bush,		
1885 May 5.	HUMBY, ALBERT JAMES	{	Govt. Rys., Maritzburgh, Natal.		
1881 May 31.	HUMBY, HENRY GEORGE	{	Club Chams., Johannesburg, Trans-		
1879 Apr. 1.	HUME, EDWARD NATHANIEL	{	Shire Eng., Rushworth, Victoria. [vaal.]		
1876 Dec. 5.	HUME, WASHINGTON	{	Harcourt Ho., York Town, Camber-		
1885 Feb. 3.	HUMPHRYS, NORTON HENRY	{	Gasworks, Salisbury. [ley.]		
1890 Jan. 14.	HUMPIDGE, JAMES DICKERSON	{	10 Theresa Place, Gloucester.		
1886 Mar. 2.	HUNT, HENRY CHARLES TERRETT ..	{	26 Parliament Street, S.W.		
1875 Mar. 2.	HUNT, HERBERT EDGELL	{	1 Hyde Park Gate, S.W.		
1883 Dec. 4.	HUNTER, ASHLEY JOHN	{	Stewart & Hunter, Auckland, N.Z.		
1888 Feb. 7.	HUNTER, GILBERT MACINTYRE	{	Newyards, Maybole, N.B.		
1879 Feb. 4.	HUNTER, JOHN	{	Matlock Rd., Belper, Derbyshire. [Hunter, Strutts, Belper.]		
1889 Feb. 5.	HUNTER, MAURICE	{	Bridge St., Belper.		
1890 Feb. 4.	HUNTER, SIDNEY HERBERT	{	202 Bow Road, E. [tree, Liverpool.]		
1868 May 19.	HURST, WILLIAM	{	2 Larkfield View, Picton Rd., Waver-		
1889 Apr. 2.	HUTCHINGS, CHARLES ARTHUR	{	Ingeniero Municipal, Parana, Entre Rios, Argentine Republic.		
1888 Feb. 7.	HUTCHINSON, SYDNEY HUTTON COOPER	{	King, King & Co., Bombay.		
1886 Jan. 12.	HUTCHINSON, WILLIAM	{	Ry. Construction Branch, Sydney, N.S.W.		
1886 Dec. 7.	HUTTON, CHARLES HERBERT	{	H. S. King & Co., 45 Pall Mall, S.W.		
1879 May 6.	HUTTON, THEODORE BENT	{	Penlau Vil., Mount Pleasant, Swansea.		
1887 Apr. 5.	HUTTON, WALTER HERBERT	{	51 Longridge Rd., Earl's Court, S.W.		
1876 Feb. 1.	HUXLEY, HERBERT GEORGE	{	18 St. Michael's Rd., Stockwell, S.W.		
1876 Mar. 7.	FANSON, WILLIAM	{	Water Co., Saltburn-by-the Sea.		
1885 Dec. 1.	IHDA, TOSHINORI	{	Imp. Govt. Rys., Kobe, Japan.		
1888 Dec. 4.	IKIN, ARTHUR JOHN	{	G.P.O., Sydney, N.S.W.		
1881 Feb. 1.	INGLIS, WILLIAM	{	Bute House, Airdrie, N.B.		
1888 May 15.	INGREY, CHARLES	{	49 Queen Victoria Street, E.C.		
1886 Dec. 7.	INMAN, THOMAS	{	P.W.D., Bangalore, India.		
1877 Dec. 4.	IRVINE, JAMES	{	254 Gray's Inn Road, W.C.		
1879 Feb. 4.	ISHERWOOD, RICHARD	{	Queen's Park, St. Helen's, Lanes.		
1882 Jan. 10.	ISHIGURO, ISOJI	{	Govt. Engineer's Off., Tokio, Japan.		
1880 Mar. 2.	ITTER, ARTHUR WERNER	{	Bridge End, Peterborough.		
1887 Apr. 5.	IVE, ERNEST	{	39 Margravine Gds., Kensington, S.W.		
1874 Dec. 1.	IVENS, FLETCHER JAMES	{	H. S. King & Co., 45 Pall Mall, S.W.		
1880 Dec. 7.	IVENS, THOMAS EDWARD	{	Lahore, Punjab, India.		
1875 Dec. 7.	IZARD, WALTER GEORGE	{	10 The Paragon, Blackheath, S.E.		
1887 Dec. 6.	JACK, ARTHUR JOSEPH	{	2 New Steine, Seaford, Sussex.		
1885 May 19.	JACKAMAN, CHARLES JAMES	{	Dalmarnock Ironworks, Bridgeton,		
1888 Apr. 10.	JACKS, THOMAS WILLIAM MOSELEY ..	{	Woodgreen, Wednesbury. [Glasgow.]		
1883 May 29.	JACKSON, EDWARD JAMES	{	Conservative Club, St. James's, S.W.		
1880 Dec. 7.	JACKSON, EDWARD WILTHEW	{	Ferro Carril Mexicano, Mexico.		

Date of Election.		ASSOCIATE MEMBERS.	
1887 Apr. 5.	JACKSON, HUGH ROWLAND	The Hall Cross, Doncaster.[N.S.W.	
1890 Dec. 2.	JACOB, ALBERT FRANCIS	Harbours & Rivers Dept., Sydney,	
1879 Feb. 4.	JACOB, EDWARD FOUNTAINE	N. W. Ry., Lahore, Punjab.	
1872 Dec. 3.	JACOB, EDWARD WESTLEY	{ 3 Woodside Ter., Grange Rd., Dar-	
		lington.	
1891 May 5.	JACOBS, PAUL GEORGE	P.W.D., Calcutta.	
1887 Jan. 11.	JACOMB, WILLIAM WYKEHAM	H. S. King & Co., 45 Pall Mall, S.W.	
1890 Jan. 14.	JACQUES, JAMES ROUTLEDGE	P.O. Box 142, Johannesburg, Trans-	
1878 Jan. 15.	JACQUES, RICHARD	Loco. Supt., Caldera, Chili. [vaal.	
1887 Dec. 6.	JAMES, CHARLES CARKEET	Municipality, Bombay.	
1886 Dec. 7.	{ JAMES, CHARLES WORDSWORTH		
	SCANTLEBURY	115 Davey St., Hobart, Tasmania.	
1885 Dec. 1.	JAMES, ERNEST ALLEN HORSFORD ..	11 Victoria Street, S.W.	
1889 Jan. 8.	JAMES, REGINALD WILLIAM	75 Tyrwhitt Rd., Brockley, S.E.	
1886 Dec. 7.	JAMESON, ALEXANDER CHALMERS ..	Primitiva Nitrate Co., Iquique, Chili.	
1880 Feb. 3.	JAMESON, GEORGE	Glencormac, Bray, Ireland.	
1885 Dec. 1.	JAMESON, MATHEW BUCHAN	39 Queen St., Melbourne, Victoria.	
1874 May 5.	JARVIS, EDWARD WORRELL	H. N. Ruttan, Winnipeg, Canada.	
1881 Jan. 11.	JARVIS, GEORGE EDWARD	Tembuland, Umtata, C.C.	
1888 Dec. 4.	JASPER, NICHOLAS PAUL	1 Adam St., Adelphi, W.C.	
1887 Dec. 6.	JEEJEEBHoy, PIROSHAW BOMANJEE ..	17 Church St., Bombay.	
1874 May 5.	JEFFCOCK, THOMAS WILLIAM	Bank Street, Sheffield.	
1889 Feb. 5.	JEFFERISS, THOMAS	Cornwall Wks., Soho, Birmingham.	
1881 Dec. 6.	JEFFREYS, EDWARD HOMER	Hawkhills, Chapel Allerton, Leeds.	
1891 Feb. 3.	JENKIN, CHARLES FREWEN, B.A. ..	{ Royal Gunpowder Factory, Waltham	
		Abbey.	
1890 Feb. 4.	JENKINS, DAVID MORGAN	Borough Surveyor, Neath.	
1878 Feb. 5.	JENKINS, GEORGE GORDON	16 Bridge St., Aberdeen.	
1891 Apr. 7.	JENKINS, HENRY CHARLES, Wh. Sc..	99 Iverson Road, Hampstead, N.W.	
1888 Dec. 4.	JENKINS, WILLIAM JOHN	340 Queen's Rd., Cheetham, Meltr.	
1873 Dec. 2.	JENKINSON, CHARLES HENRY GREY ..		
1876 Mar. 7.	JERVIS, ALEXANDER	Milngavie, near Glasgow.	
1877 Dec. 4.	JESSOP, GEORGE	{ Granville House, London Road,	
		Leicester. [Jessop, Leicester.]	
1889 Dec. 3.	JICKELL, SAMUEL	City Surveyor, Nelson, N.Z.	
1885 Feb. 3.	JOBLING, EDWARD FISHER	Moody's Down, Micheldever, Hants.	
1885 Dec. 1.	JOBSON, CHRISTOPHER	Beetaloo Waterworks, So. Australia.	
1885 Mar. 3.	JOHNS, WILLIAM ARTHUR	Sind-Pishin Ry., Beloochistan, India.	
1881 Mar. 1.	JOHNSON, FRANCIS ROBERT	G. I. P. Ry., Byculla, Bombay.	
1879 May 6.	JOHNSON, FREDERICK WILLIAM	P.W.D., Kalawewa, Dambulla, Ceylon.	
1891 Jan. 13.	JOHNSON, HENRY	Midland Ry., Eng.'s Office, Skipton.	
1887 Dec. 6.	JOHNSON, HENRY ARTHUR	14 The Exchange, Bradford.	
1888 Apr. 10.	JOHNSTON, JAMES	Waterworks, Lea Bridge, N.E.	
1879 Dec. 2.	JOHNSTON, JOHN CHARLES	Cuddapah, Madras.	
1887 Dec. 6.	JOHNSTON, JOHN MONTGOMERY	Gt. Southern Ry., Buenos Ayres.	
1883 Feb. 6.	JOHNSTONE, Hon. CECIL	34 Belgrave Square, S.W.	
1876 May 2.	JONES, ALFRED STOWELL, U.C. Lt.-		
	Col., Retired	Culverside, Carshalton, Surrey.	
1878 Feb. 5.	JONES, ARTHUR DANIEL	Surrey Comm. Dks., Rotherhithe, S.E.	
1875 Feb. 2.	JONES, CHARLES	Normanhurst, Ealing, W.	
1886 Mar. 2.	JONES, CHARLES EDWIN	Chesterfield.	
1877 Mar. 6.	JONES, CHARLES WILLIAM	Gasworks, Porta Ludovica, Milan.	
1888 Apr. 10.	JONES, CYRIL EDWARD ARENGO	Holewm, Ferryside, South Wales.	
1879 Dec. 2.	JONES, EDGAR CHICHESTER	Railway Dept., Sydney, N.S.W.	
1884 May 6.	JONES, EDWARD DUKINFELD	Lampart & Holt, 21 Water St., L'pool.	
1882 May 2.	JONES, FREDK. CHARLES PEMBROKE ..	{ Club de Residentes Estrangeros.	
		Buenos Ayres.	
1881 Feb. 1.	JONES, GEORGE ARTHUR	Hatherley Court, Gloucester.	
1886 Mar. 2.	JONES, HAROLD	58 Baron's Court Rd., S.W.	
1888 Dec. 4.	JONES, HENRY SYDNEY	King, King & Co., Bombay.	
1871 May 2.	JONES, H. M. LAYARD	Officina del Gaz, Popolo, Rome.	
1876 Feb. 1.	JONES, ISAAC MATTHEWS	City Surveyor, Chester.	
1885 Dec. 1.	JONES, JAMES	Hyderabad, Deccan, India.	

Date of
Election.

ASSOCIATE MEMBERS.

1887 May 3.	JONES, JOHN CHARLES DWAFYDD	..	{ Eastern Extension, Telegraph Co., Singapore, S.S. [W.C.]
1887 Dec. 6.	JONES, JOHN EDWARD	.. ..	G. F. Jones, 58 Lincoln's Inn Fields,
1875 Feb. 2.	JONES, JOHN HUNTER	.. ..	10 Kensington Gardens Terrace, W.
1891 May 5.	JONES, MORLAIS GLASFYRN	.. ..	6 Delahay Street, Westminster, S.W.
1876 Dec. 5.	JONES, OWEN	.. ..	J.W. Sutton & Co., Brisbane.
1890 Mar. 4.	JONES, PATRICK NICHOLAS HILL	..	Water Supply Co., Barbados.
1889 May 21.	JONES, REGINALD JOHN	.. ..	{ Lily Lodge, Vale of Health, Hamp- stead, N.W.
1886 Jan. 12.	JONES, ROBERT EDWARD	.. ..	Rds. & Bdgs. Dept., Sydney, N.S.W.
1876 Feb. 1.	JONES, WALTER ROBERTS	.. ..	Fabbrica del Gaz, Rome.
1891 Apr. 7.	JONES, WILLIAM	.. ..	Bryn-y-Don, Colwyn Bay, N. Wales.
1887 Dec. 6.	JONES, WILLIAM GEORGE	.. ..	Eng.'s Off., Midland Ry., Derby.
1886 Dec. 7.	JONES, WILLIAM HEMMING	.. ..	Mersey Ry., James St., Liverpool.
1890 Dec. 2.	JONES, WILLIAM THOMAS	.. ..	Minas de Rio Tinto, Huelva, Spain.
1884 Dec. 2.	JONGH, JOHN ISIDOR DE	.. ..	San José, Costa Rica.
1852 Dec. 7.	JOPLING, JOSEPH	.. ..	29 Winchester St., Toronto, Canada.
1890 Mar. 4.	JORGENSEN, FREDERICK	.. ..	{ Austro-Hungarian Steam Navigation Co., Constantinople.
1884 May 6.	JOSEPH, ALLAN FERGUSON	.. ..	P.W.D., Minich, Egypt. [N.S.W.]
1879 Feb. 4.	JOSEPHSON, JOSHUA PERCY	.. ..	George St., Marrickville, Sydney,
1891 May 5.	JOY, HENRY GOLDING	.. ..	4 Bath Terrace, Tynemouth.
1885 Dec. 1.	JOYCE, FREDERICK TALBOT	.. ..	Ballinrobe Ho., Ballinrobe, co. Mayo.
1880 Feb. 3.	JULIAN, ROBERT HILL	.. ..	{ 3 Vesta Place, Blackrock Road, Cork.
1884 May 6.	KAPTEYN, ALBERTUS PHILIPPUS	..	{ Westinghouse Brake Co., Canal Rd., King's Cross, N. [Westinghouse, London. 7513.]
1887 May 3.	KEANE, JOHN RICHARD RATCLIFFE	..	2 Storey's Gate, S.W.
1883 May 1.	KEENE, PERCY EDWARD	.. ..	Ind. Midland Ry., Bhilsa, India.
1887 Mar. 1.	KEIR, FRANCIS LINDSAY	.. ..	Ry. Dept., Brisbane, Queensland.
1888 Dec. 4.	KEITH, JAMES	.. ..	57 Holborn Viaduct, E.C.
1887 May 24.	KELSALL, JAMES	.. ..	Central Chambers, Stockport.
1882 Mar. 7.	KEMBLE, FREDERICK	.. ..	24 Church St., Kingston, Jamaica.
1889 Feb. 5.	KEMP, WILLIAM EDMUND	.. ..	Newcastle, New South Wales.
1878 Jan. 15.	KEMPE, HARRY ROBERT	.. ..	Eng.-in-Ch.'s Off., Gen. Post Off., E.C.
1881 May 31.	KEMPSON, CHARLES	.. ..	17 West Street, Gateshead-on-Tyne.
1890 Dec. 2.	KEMPSON, CHARLES ALDWIN	.. ..	Merton Vicarage, Surrey.
1890 Dec. 2.	KENDALL, ROBERT	.. ..	Existing Lines Dept., Sydney, N.S.W.
1878 Feb. 5.	KENDALL, WILLIAM BARROW	.. ..	3 Gladstone Rd., Seaforth, Liverpool.
1888 Feb. 7.	KENT, JOHN BROADHURST	.. ..	Commercial Gas Co., Wapping, E.
1876 Mar. 7.	KENWORTHY, EDWIN	.. ..	Public Offices, Handsworth, Staffs.
1890 Dec. 2.	KER, HUGH TORRANCE	.. ..	{ New Entrance Works, Tyne Dock, South Shields. [Tasmania.]
1876 Dec. 5.	KERLE, WILLIAM GIBBS	.. ..	Railway Survey Camp, Ulverstone,
1875 Apr. 6.	KERN, EMILE JEAN RODOLPHE	.. ..	135 Rue de Belleville, Paris.
1887 May 3.	KERSHAW, FREDERICK WHITE	.. ..	21 Roe Lane, Southport.
1889 Dec. 3.	KIDD, HECTOR	.. ..	Colonial Sugar Refining Co., Sydney,
1876 Feb. 1.	KIDD, THOMAS	.. ..	Minas de Linares, Spain. [N.S.W.]
1887 May 24.	KIDD, WILLIAM	.. ..	Skinningrove Co., Loftus, Yorks.
1889 Feb. 5.	KIKKAWA, SANJIRO, M.E.	.. ..	Railway Dept., Tokio, Japan.
1877 Apr. 10.	KILLEY, JAMES GEORGE	.. ..	Casilla 1568, Buenos Ayres.
1878 Mar. 5.	KILVINGTON, WILLIAM	.. ..	Wallsend-on-Tyne.
1873 Dec. 2.	KINCH, WILLIAM HUBERT	.. ..	North Eastern Ry., Darlington.
1882 May 23.	KINGDON, ZACHARY HARRIS, Wh.Sc.	..	1 Mycenae Rd., Westcombe Pk., S.E.
1888 Jan. 10.	KINGSFORD, HERBERT	.. ..	Casilla 120, Lima, Peru.
1890 May 20.	KINGSLEY, ARTHUR HENRY, B.A.	..	A. Thorne, 143 Cannon Street, E.C.
1878 Apr. 2.	KINGSLEY, MAURICE	.. ..	New Rochelle, New York, U.S.
1886 Jan. 12.	KINGSTON, WILLIAM	.. ..	{ 26 Glover's Road, Small Heath, Birmingham.
1865 Dec. 5.	KIRBY, CONYERS	.. ..	Town Hall, Newport, Mon.

Date of Election.	ASSOCIATE MEMBERS.				
1877 May 29.	KIRK, THOMAS	..	..	..	Brisbane, Queensland.
1888 Feb. 7.	KIRKALDY, JOHN	..	..	..	{ 40 West India Dock Road, E. [Com- pactum, London.] [S.E.]
1884 Apr. 1.	KIRSTEIN, HENRY CHARLES	..	..	..	Asphodel Ho., Maze Hill, Greenwich,
1888 Mar. 6.	KITCHINGMAN, DAWSON	..	..	..	Blagdon House, Blagdon, Somerset.
1872 Jan. 9.	KITT, ALFRED	..	..	..	5 Victoria Street, S.W.
1873 Jan. 14.	KITT, BENJAMIN	..	..	..	Sydney Lodge, Bathwick, Bath.
1878 Mar. 5.	KNAPP, CHAS. CORNWALLIS BURTON	..	..	..	P.W.D., Quetta, Beluchistan.
1887 Dec. 6.	KNIGHT, JAMES PERCY	..	..	..	{ A. W. Robertson & Co., Victoria Dock, E.
1890 Mar. 4.	KNIGHT, JOHN	..	..	..	City Surveyor's Office, Birmingham.
1891 Apr. 7.	KNIGHTON, JOSEPH GODBER	..	..	..	Staveley Ironworks, nr. Chesterfield.
1888 May 1.	KNOWLES, ARTHUR JAMES, B.A.	..	..	..	{ 74 South Side, Clapham Common, S.W. [Manchester.]
1890 Dec. 2.	KNOWLES, CHARLES EDWARD	..	..	..	Edison-Swan Co., 14 St. Ann's Sq.,
1888 Feb. 7.	KNOWLES, ROBERT	..	..	..	Oak Cottage, Swinton Pk., Manchtr.
1875 Feb. 2.	KNOX, ELWIN BALDWIN JOHN	..	..	..	P.O. Box 398, Johannesburg, Trans- vaal.
1882 Apr. 4.	KORTRIGHT, LAWRENCE MOORE	..	..	..	St. Kitts, West Indies.
1888 Jan. 10.	KUWABARA, MASA, M.E.	..	..	..	Fujita & Co., Osaka, Japan.
1887 Mar. 1.	KYLE, JOHN, Jun.	..	..	..	Colombo, Ceylon.
1887 Feb. 1.	LAEATT, JOHN BAGOT	..	..	..	Brougham Pl., N. Adelaide, S. Aust.
1885 May 19.	LACEY, FREDERICK WILLIAM	..	..	..	Town Hall Chambers, Bournemouth.
1883 May 29.	LACEY, THOMAS STEPHEN	..	..	..	{ Gas Light & Coke Co., Lupus St., S.W.
1885 Dec. 1.	LAFFAN, GEORGE BASTABLE, B.E.	..	..	..	Town Hall, Bridgwater.
1890 May 20.	LAING, THOMAS ELCOAT	..	..	..	Boro' Surveyor's Dept., Leicester.
1886 Mar. 2.	LAKE, HARRY HERBERT	..	..	..	Midland Ry., Antri, Gwalior, C.
1889 May 7.	LAKE, WILLIAM GEORGE WOOLLCOMBE	..	..	..	17 Victoria Street, S.W. [India.]
1882 Mar. 7.	LAMBERT, GEORGE BUCHANAN	..	..	..	P.W.D., Salem, Madras. [Sheffield.]
1889 Dec. 3.	LANCASHIRE, WILLIAM THOMAS	..	..	..	Boro' Surveyors' Office, Bower Spring,
1889 Dec. 3.	LANCASTER, WILLIAM JOSEPH COSENS	..	..	..	{ The Kraal, St. Julian's Farm Road, West Norwood, S.E.
1888 Feb. 7.	LANDER, PHILIP VINCENT	..	..	..	Mr. MacLachan, Puerto Cortes, Hon-
1873 Dec. 2.	LANDON, FRANK HOWARD	..	..	..	Clarendon Road, Bedford. [duras.]
1884 May 27.	LANDON, HERBERT JOHN	..	..	..	{ Dickeson & Stewart, 4 Queen Victoria Street, E.C.
1885 Dec. 1.	LANE, ALEXANDER MAURICE	..	..	..	Darlington Ho., Sydney Bldgs., Bath.
1887 Dec. 6.	LANE, GEORGE	..	..	..	Gasworks, Aylesbury.
1888 Feb. 7.	LANE, GEORGE MORGAN	..	..	..	Darlington Ho., Sydney Bldgs., Bath.
1880 Dec. 7.	LANG, JOHN CHARLES	..	..	..	Liskeard, Cornwall.
1882 Feb. 7.	LANGDON, JAMES HENRY CORNWALL	..	..	..	City Surv., Adelaide, So. Australia.
1882 Mar. 7.	LANGE, FREDK. MONTAGUE TOWNSHEND	..	..	..	21 Rue Wissocq, Boulogne-sur-Mer.
1880 Dec. 7.	LANGTREE, OCTAVIUS	..	..	..	44 Rue de Tocqueville, Paris.
1886 Mar. 2.	LARGE, CHARLES JOHN EDMONDS	..	..	..	Brecon. [N.W.]
1875 Feb. 2.	LARGE, THOMAS WILLIAM	..	..	..	33 Clarendon Gds., Maida Vale,
1878 Mar. 5.	LARMINIE, JOHN CHARLES	..	..	..	Coimbatore, Madras.
1886 Apr. 6.	LAST, WILLIAM ISAAC, Wh. Sc.	..	..	..	{ Machinery Division, S. Kensington Museum, S.W.
1879 Feb. 4.	LATHAM, EDWIN DAVENPORT	..	..	..	Borough Engineer, Middlesbrough.
1890 Dec. 2.	LATHAM, FREDERIC NIX	..	..	..	Beecherof, Surbiton Hill Park.
1883 May 29.	LAURENCE, REGINALD	..	..	..	Clapham Park, S.W.
1891 Apr. 7.	LAVERTINE, RICHARD ALOYSIUS, B.E.	..	..	..	Johannesburg, Transvaal.
1878 May 28.	LAVEY, CHARLES	..	..	..	19 Arundel Sq., Barnsbury, N.
1888 Apr. 10.	LAW, HERBERT HENRY	..	..	..	Ry. Dept., Teluk Anson, S.S.
1886 Jan. 12.	LAWFORD, GEORGE MAXWELL	..	..	..	13 Victoria Street, S.W.
1890 May 20.	LAW-GREEN, CHARLES	..	..	..	Boro' Engineer, Chelmsford.
1882 May 2.	LAWSON, CHARLES GRIFFIN	..	..	..	Local Board, Southgate, N.
1889 Dec. 3.	LAWSON, CHARLES HENRY	..	..	..	28 Falcon Street, Ipswich.
1887 Dec. 6.	LAWSON, JAMES IBBS	..	..	..	Rys., Invercargill, N.Z.
1886 Feb. 2.	LAWSON, VINCENT ALEXANDER	..	..	..	Stroud, Gloucestershire.
1888 Dec. 4.	LAWTON, RICHARD JOHNSON	..	..	..	Great Southern Ry., Buenos Ayres.

Date of Election.	ASSOCIATE MEMBERS.				
1885 Feb. 3	LEAN, JOEL	1	Victoria Street, S.W.	[Leeds.	
1878 May 28.	LEE, EDWIN	67	Reginald Ter., Chapeltown Rd.,		
1890 May 20.	LEE, JOHN, M.A.	11	Lifton Place, Leeds.		
1866 May 1.	LEECHMAN, WILLIAM CAREY		Colombo, Ceylon.		
1888 Feb. 7.	LEES, ARTHUR EDWIN TREVILLION	101	Grosvenor Road, S.W.		
1883 Mar. 6.	LEES, OSWALD CAMPBELL		Balasore, Bengal.		
1891 Mar. 3.	LEETE, WILLIAM HENRY		St. Cuthbert's Lodge, Bedford.		
1887 Dec. 6.	LEFÉBURE, EDOUARD ELIE		Essington, Beckenham, Kent.		
1887 Mar. 1	LEFROY, GEORGE ANTHONY		Chief Surveyor, Perak, S.S.		
1886 Dec. 7.	LEGG, WILLIAM ANDREW		{Thirlmere Aqueduct, Scorton, Gar-		
			stang, Lanes.		
1891 Feb. 3.	LEGROS, LUCIEN ALPHONSE	57	Brook Green, Hammersmith, W.		
1891 Feb. 3.	LE GROS, SYDNEY		Boro' Engineer's Office, Salford.		
1888 Feb. 7.	LEIGH, FREDERICK JAMES		Loco. & Eng. Co., Kingston, Canada.		
1887 Dec. 6.	LEIGH, HENRY HARINGTON		{22Southamptn.Bdgs., Chancery Lane,		
			{ W.C. [Rotnevi, London. 2791.]		
1887 May 24.	LENGERKE, RUDOLPH EMIL VON, A.K.C.	1	Victoria Street, S.W.		
1883 May 29.	LESLIE, JOSEPH		Apar & Co., Radah Bezor, Calcutta.		
1891 Mar. 3.	LESLIE, ROBERT FLETCHER		E. I. Ry., Etawah, N. W. P., India		
1882 May 23.	LESTER, EDWARD ROLLS	26	Great George Street, S.W.		
1884 Dec. 2.	LEVENTHORPE, ALGERNON		King, King & Co., Bombay.		
1891 May 12.	LEVENTHORPE, JOHN BONFOY		King, King & Co., Bombay.		
1872 Dec. 3.	LEWIS, ALFRED DAVID	34	Leinster Gdns., Hyde Park, W.		
1888 Jan. 10.	LEWIS, FRANK BECKET		Guildhall, Nottingham.		
1889 Dec. 3.	LEWIS, JOHN HARRY		{Elliot Colliery, New Tredegar, viâ		
			Cardiff.		
1891 Jan. 13.	LEWIS, SIDNEY COOKE	15	Victoria Street, S.W.		
1879 May 6.	LEWIS, WILLIAM CUTHBERT		Asst. Eng. for Irrigation, Madras.		
1873 Feb. 4.	LEY, JAMES VERCHILD		Chudleigh, Lovelace Rd., Surbiton.		
1888 Dec. 4.	LIBBIS, GEORGE HILDER		Central Ry. Station, Chester.		
1864 Feb. 2.	LIGHT, CHARLES JULIAN		Woodland Villa, Weston-super-Mare.		
1885 Dec. 1.	LIGHT, ERNEST EDWARD		Ry. Dept., Redfern, N.S.W.		
1877 Dec. 4.	LILLEY, THOMAS ISAAC	7	Victoria Street, S.W.		
1888 Feb. 7.	LILLJEGVIST, JOHAN RUDOLF	32	Victoria Street, S.W.		
1881 Feb. 1.	LINACRE, JOHN	110	Redland Rd., Redland, Bristol.		
1884 Apr. 1.	LINCRÉ, JOHN EDMUND PHIPPS		Mirables, Ventnor, I.W.		
1889. May 7.	{LINDESAY, CHARLES DE LA POIRE}		Assistant Engineer, Govt. Rys., Dur-		
	{CRAWFORD}		ban, Natal.		
1880 Dec. 7.	LINGARD, JAMES EDWARD		Bank Chambers, Corn Market, Derby.		
1879 Dec. 2.	LINGING, FREDERICK EDWARD		British Gas Light Co., Norwich.		
1890 May 6.	LIPSCOMB, HERBERT NICHOLSON		Midland Ry., Kettering.		
1886 Dec. 7.	LISBOA, ALFRED		P.O. Box 907, Rio de Janeiro.		
1878 May 28.	LITCHFIELD, HENRY CHARLES		Govt. Rys., Steynsburg, Cape Colony.		
1887 Dec. 6.	LITSTER, DAVID MICHAEL		P.W.D., Kyaukse, Upper Burma.		
1885 Apr. 14.	LITTLE, CHRISTOPHER		Eng.-in-Ch.'s Office, Sydney, N.S.W.		
1889 Dec. 3.	LITTLE, WILLIAM DORRINGTON BOYLE		{D.P.W., Bridges Dept., Brisbane,		
			Queensland.		
1888 Dec. 4.	LITTLEJOHN, HENRY		Ry. Dept., Melbourne, Victoria.		
1889 Dec. 3.	LIVENS, FREDERICK HOWARD, Wh. Sc.		Ruston, Proctor & Co., Lincoln.		
1891 Feb. 3.	LIVERSIDGE, JOHN GEORGE		Royal Naval College, Greenwich, S.E.		
1886 May 18.	LIVSEY, FERNANDO HARRY WHITEHEAD		Broad St. Avenue, Blomfield St.,		
1884 May 6.	LLOBET, ANDRÉS		Montevideo, Uruguay. [E.C.		
1891 Mar. 3.	LLOYD, BELL GEORGE		J. Jackson, Piedad 513, Buenos Ayres.		
1890 Jan. 14.	LLOYD, CHARLES VEREKER, A.K.C. ..		Scott & Co., Rangoon, Burma.		
1882 May 2.	LLOYD, G. A. HAMILTON FITZWARRINE		Dolgerddon, Rhayader, Radnor.		
1889 Jan. 8.	LOBNITZ, FREDERIC		Clarence House, Renfrew, N.B.		
1886 May 4.	LOCH, RICHARD	1	Thicket Road, Anerley, S.E.		
1886 Feb. 2.	LOCKHART, HAROLD EDWARD		S. M. Ry., Berar, India.		
1889 Dec. 3.	LOCKYER, JAMES EDWARD		So. Mahratta Ry., Dharwar, Bombay.		
1888 Apr. 10.	LOCKYER, NORMAN JOSEPH		{Sir A. M. Rendel, K.C.I.E., 8 Gt.		
			{ George St., S.W.		
1865 Feb. 7.	LOEFFLER, JOHN CHARLES LEWIS ..	12	Queen Anne's Gate, S.W.		
1880 Feb. 3.	LOGAN, JOHN WILLIAM		Market Harborough.		

Date of Election.	ASSOCIATE MEMBERS.			
1885 May 5.	LOMAX, WALTER JOHN	..	..	11 Fold St., Bolton.
1869 Dec. 7.	LONG, WILLIAM HOUSTOUN	..	..	Union Club, Trafalgar Square, S.W.
1888 Apr. 10.	LONGFIELD-LYSAGHT, EDW. MONTFORD	..	..	English Club, Monte Video.
1882 Dec. 5.	LONGRIDGE, ROBERT CHARLES	..	..	Kilrie, Knutsford.
1875 Feb. 2.	LONGWORTH, WILLIAM	..	..	{ Gas Light, &c., Co., Guildford. [Longworth, Guildford.]
1891 Jan. 13.	LOUCH, JOHN DA VINCI	..	..	Surrey St., Auckland, N.Z.
1883 Mar. 6.	LOUTH, GEORGE EDWARD	..	..	Eng.'s Off., G.W.Ry., Newport, Mon.
1884 Mar. 4.	LOVEGROVE, CHARLES ARTHUR	..	..	{ Huntingdon Lodge, Benhilton, Sutton, Surrey.
1889 Jan. 8.	LOVEGROVE, EDWIN JAMES	..	..	Town Hall, Luton.
1860 Mar. 6.	LOVEGROVE, JAMES	..	..	18 Urswick Rd., Lower Clapton, E.
1888 Feb. 7.	LOW, PERCY ARCHIBALD	..	..	Ferry Works, Thames Ditton.
1885 Mar. 3.	LOWCOCK, SIDNEY RICHARD	..	..	35 Waterloo St., Birmingham.
1874 Feb. 3.	LOWE, JOHN EDGAR	..	..	{ 2 Laurence Pountney Hill, E.C. [Bird, London. 1530.]
1890 Dec. 2.	LOWRY, FREDERICK	..	..	The Promenade, Sutton-on-Sea,
1870 Dec. 6.	LUCAS, ARTHUR	..	..	27 Bruton Street, W. [Lines.
1889 Dec. 3.	LUCAS, DANIEL EDWARD RICHARDSON	..	..	{ 18 Royal Crescent, Notting Hill, W. [Chiefly, London.]
1891 Feb. 3.	LUCAS, SAMUEL ERNEST	..	..	{ Laurel Cottage, Cawlow-by-Hasland, Chesterfield.
1866 Feb. 6.	LUCAS, WILLIAM HARRINGTON	..	..	63 Sutherland Av., Harrow Rd., W.
1884 Feb. 5.	LUCAS, WILLIAM OWEN	..	..	{ Central Ry., Rosario, Argentine Re- public.
1880 Dec. 7.	LUCKSTEDT, HENRY	..	..	W. Watson & Co., Bombay.
1891 Feb. 3.	LUCY, WILLIAM THEODORE	..	..	{ F. Hudson, Central Uruguay Ry., Monte Video.
1888 Feb. 7.	LUDBROOK, SAMUEL WILLIAM	..	..	Commercial Gas Co., Poplar, E.
1882 Dec. 5.	LUKIS, ERNEST DU BOIS	..	..	Oaxaca Mining Co., Oaxaca, Mexico.
1890 Mar. 4.	LUMB, TOM GALLON	..	..	Garlick & Sykes, Preston.
1888 Feb. 7.	LUND, GEORGE WILLIAM	..	..	Deputy Boro' Engineer, Blackburn.
1886 May 18.	LUNDON, ROBERT	..	..	66 Elizabeth St., Melbourne, Victoria.
1883 May 29.	LUNGLEY, ARTHUR ROBERT	..	..	G.E. Fulton & Co., Adelaide, S. Austr-
1891 Jan. 13.	LUNN, ALFRED	..	..	Middle Level Drainage, March. [lia.
1887 Jan. 11.	LYELL, ROBERT, B. Sc.	..	..	{ F. C. Nord Este Argentino, Cor- rientes, Argentine Republic.
1873 May 6.	LYNCH, EDWARD JAMES	..	..	60 Crystal Palace Park Road, S.E.
1882 Jan. 10.	LYNCH, JOSEPH	..	..	Cidade de Uba, Minas Geraes, Brazil.
1885 Feb. 3.	LYNDE, FREDERICK CHARLES	..	..	48 King St., Manchester.
1858 Feb. 2.	LYON, GEORGE	..	..	Valparaiso, Chili.
1882 Feb. 7.	MACALISTER, DANIEL	..	..	Havelock Buildings, Greenock, N.B.
1881 May 31.	MACALISTER, ROBERT	..	..	Asst. Eng., Canal Foundry, Roorkee.
1882 Apr. 4.	MCARTHUR, DUNCAN WILLIAM	..	..	Town Engineer, Horsham, Victoria.
1889 Dec. 3.	MACAULAY, FREDERIC WILLIAM	..	..	Cotherstone, Darlington.
1883 Dec. 4.	MACBEAN, MALCOLM ÆNEAS	..	..	Office of Public Works, Glasgow.
1887 Feb. 1.	MCBEATH, ALEXANDER GORDON	..	..	Cawdor Ho., Marlborough Rd., Sale.
1890 May 6.	MACBETH, JOHN BRUCE KING	..	..	44 Tamarind Lane, Bombay.
1881 Jan. 11.	MACBRAIR, ROBERT ALEXANDER	..	..	Eng.'s Off., Bank Chams., Lincoln.
1890 May 20.	MCALLUM, THEOPHILUS SEPTIMUS	..	..	{ Chapel Walks, Cross St., Manchester.
1890 Feb. 4.	MCCLEW, WILLIAM CHARLES	..	..	{ Dean Funes, Cordoba, Argentine Republic.
1888 May 15.	MCCREA, JOHN BENJAMIN	..	..	Hesseville, Rosetta Park, Belfast.
1875 Jan. 12.	MCCULLOCH, ALEXANDER	..	..	10 Whitehall St., Dundee.
1889 Mar. 5.	MCCULLOUGH, FREDERICK WILLIAM	..	..	7 Chichester St., Belfast.
1885 Dec. 1.	MCCURRICH, JOHN MARTIN, M.A.	..	..	Dock Off., Cumberland Basin, Bristol.
1884 Dec. 2.	MACDONALD, ANGUS RODERICK	..	..	King, Hamilton & Co., Calcutta.
1876 May 30.	MACDONALD, AUGUSTUS VANZANDT	..	..	Loco. Eng., Addington, Christchurch,
1881 May 31.	MACDONALD, DONALD	..	..	110 Cannon Street, E.C. [N.Z.

Date of Election.	ASSOCIATE MEMBERS.				
1888 Dec. 4.	MACDONALD, DONALD GRANT	..	..	Local Board, Gainsborough.	
1874 Dec. 1.	MCDONALD, DAVID EDWARD	..	..	{ 231 Palmerston Ter., Glebe Rd., Sydney, N.S.W. [Colony.	
1885 Feb. 3.	MC EWEN, THOMAS SMITH	..	..	Govt. Rys., Burghersdorp, Cape	
1879 Dec. 2.	MACFARLANE, DONALD	..	..	Breakwater, Portland. [vaal.	
1884 Dec. 2.	MACFARLANE, THOMAS JOHN MALCOLM	..	..	P.O. Box 28, Johannesburg, Trans-	
1883 Dec. 4.	MACGEORGE, LESLIE DUNCAN	..	..	{ Vincent County Council, Clyde, Otago, N.Z.	
1890 Dec. 2.	MCGLASHAN, PATRICK BLACKSTOCK	..	..	Dist. Eng., Kinta, Perak, S.S.	
1884 Jan. 8.	MCGOWAN, PERCY STANLEY	..	..	c.o.Examiner P.W. Accounts, Lahore.	
1879 Feb. 4.	MACGREGOR, ALFRED ALEXANDER	..	..	{ Standedge Tunnel Works, Marsden, Huddersfield.	
1879 May 27.	MACGREGOR, ALEXANDER	..	..	3 Collingham Gds., Kensington, S.W.	
1891 Jan. 13.	{ MACINTYRE, JAMES GILBERT STEVEN- SON .. .. .	..	..	{ Dr. Twining, Tanbaté, São Paulo, Brazil.	
1880 May 4.	MACKAY, JOHN CHARLES	..	..	1 Crawford Terrace, Maidenhead.	
1890 Mar. 4.	McKELVIE, WILLIAM	..	..	City Surveyor, Ely.	
1890 Feb. 4.	MACKENZIE, ARCHIBALD THOMAS	..	..	P.W.D., Thekady, Travancore, India.	
1890 Dec. 2.	MACKENZIE, JAMES	..	..	Govt. Rys., Goodhope, Natal.	
1884 Dec. 2.	MACKENZIE, JAMES KENNETH DOUGLAS	..	..	{ 15 Great George St., S.W. [Findon, London.] [N.S.W.	
1889 Dec. 3.	MACKENZIE, THOS. KENNETH, Wh. Sc.	..	..	Roads & Bridges Dept., Sydney,	
1888 Jan. 10.	McKENZIE, WILLIAM JOHN	..	..	12 Victoria Street, S.W.	
1877 Mar. 6.	MACKIE, CHARLES HASTINGS	..	..	23 Yonge Park, N.	
1882 Dec. 5.	McKIE, ISAAC SHEPHERD	..	..
1885 Dec. 1.	McKIE, JAMES	..	..	Main Drainage Wks., Mortlake, S.W.	
1885 May 19.	MACKINLAY, FREDERICK	..	..	Reconquista 768, Buenos Ayres.	
1870 May 24.	MACKINNON, MATTHIE CHARLES	..	..	Lucknow, Oudh.	
1885 May 19.	MACKINNON, WILLIAM MACLEOD	..	..	319 Vauxhall Bridge Road, S.W.	
1877 Mar. 6.	MACKINTOSH, PETER ARTHUR	..	..	Govt. Rys., Haputale, Ceylon.	
1880 Dec. 7.	MACLACHLAN, ALEXANDER	..	..	{ Lawrence Villa, Sciennes Gds., Edinburgh.	
1874 Mar. 3.	MACLARAN, FRANCIS BLAYNEY	..	..	Grindlay, Groom & Co., Bombay.	
1888 Dec. 4.	MACLAREN, JAMES WADDELL BOYD	..	..	Archibald Swan, Singapore, S.S.	
1876 May 2.	McLAREN, JOHN	..	..	{ Midland Engine Works, Leeds. [McLaren, Leeds.]	
1884 Dec. 2.	McLAREN, RAYNES LAUDER	..	..	32 Wemyss Rd., Blackheath, S.E.	
1889 Dec. 3.	MACLEAN, CHARLES WILLIAM	..	..	Marine Bd. Offs., Melbourne, Victoria.	
1883 Dec. 4.	MACLEAN, FRANCIS WILLIAM	..	..	Railway Dept., Nelson, N.Z.	
1890 Apr. 1.	MACLEAN, MORDAUNT LEYBURN	..	..	Yamba, Clarence River, N.S.W.	
1877 Feb. 6.	McLELLAN, GEORGE	..	..	P. W. D., Cape Town; and Chester.	
1889 May 21.	MACLELLAN, WILLIAM TURNER	..	..	{ 129 Trongate, Glasgow. [MacLellan, Glasgow.]	
1879 Feb. 4.	MACLENNAN, JOSEPH	..	..	{ Portugalete, Bilbao, Spain. [Mac- Lennan, Bilbao.]	
1876 Dec. 5.	MACMAHON, HENRY EUGENE	..	..	Allendale, Bournemouth West.	
1889 Dec. 3.	McMAKING, THOMAS	..	..	Fortaleza, Brazil.	
1884 May 6.	McMINN, ARTHUR CHARLES	..	..	Gas L. & C. Co., Kensal Green, W.	
1891 Feb. 3.	McMURTRIE, GEORGE EDWIN JAMES	..	..	{ Foxes Bridge Colliery, Cinderford, Glos'.	
1890 Dec. 2.	McNEILL, JOHN SMITH	..	..	Midland Ry., Jhansi, N.W.P., India	
1878 May 28.	MACNIE, JOHN	..	..	{ Gasworks, Londonderry. [Macnic, Londonderry.]	
1887 Apr. 5.	McPIERSON, JOHN AMBROSE	..	..	Waterworks Office, Bristol.	
1891 Jan. 13.	MAGINNIS, JAMES PORTER	..	..	9 Carteret St., Westminster, S.W.	
1884 Apr. 1.	MAHONY, FRANCIS RONAN	..	..	Tungamah, Victoria.	
1889 Feb. 5.	MAIR, HUGH	..	..	Vestry Hall, Hammersmith, W.	
1884 Apr. 1.	MAIS, CHAS. LESLIE STEWART, A.K.C.	..	..	10 Harbor St., Kingston, Jamaica.	
1882 Mar. 7.	MALET, ALLAN ARTHUR GRENVILLE	..	..	Parry & Co., Madras.	
1889 Dec. 3.	MALLALIEU, FRANCIS MAYALL	..	..	{ P.O. Box 715, Johannesburg, Trans- vaal.	
1889 Apr. 2.	MALTEY, FREDERIC THOMAS	..	..	Borough Engineer, Dorchester.	
1870 May 24.	MANISTY, EDWARD	..	..	Eastham, Cheshire.	

Date of Election.		ASSOCIATE MEMBERS.	
1874 Feb. 3.	MANN, FREDERICK GOTHER	{	Dr. Harvey, Harvey River Station, <i>viâ</i> Bunbury, Western Australia.
1891 May 5.	MANN, JABEZ		Local Board, Sevenoaks.
1886 Jan. 12.	MANN, JOHN RANDALL		New Barn, Osborne, I.W. [Victoria.
1883 May 1.	MANN, JOHN RANDALL, JUN.		222 Leicester St., Carlton, Melbourne,
1887 Apr. 5.	MANN, JOHN WADDINGTON		Norwegian Ry., Lulea, Sweden.
1876 May 2.	MANNERING, HORACE JOHN		Hazlewood, Garlies Rd., Forest Hill,
1891 May 5.	MANSERGH, ERNEST LAWSON		5 Victoria Street, S.W. [S.E.
1881 Feb. 1.	MANWARING, HENRY HARE		107 Manor Road, Brockley, S.E.
1885 Feb. 3.	MARCEP, ALEXANDER		23 St. Swithn's Lane, E.C.
1881 Dec. 6.	MARCHANT, FREDERIC WILLIAM		Timaru, N.Z. [N.Z.
1889 May 21.	MARCHBANKS, JAMES		W. & Manawatu Ry., Wellington,
1883 May 1.	MARJORIBANKS, DUDLEY SINCLAIR		125 Park Rd., Newcastle-on-Tyne.
1884 Mar. 4.	MARKS, GEORGE CROYDON	{	13 Temple Street, Birmingham. [Pumps, Birmingham.]
1887 Apr. 5.	MARKS, HENRY CAPNER		Boro' Engineer, Dewsbury.
1872 Dec. 3.	MARKS, THOMAS THOMAS		Llewelyn Chambers, Llandudno.
1887 Feb. 1.	MARRIAN, FREDERIC YORK		5 Streatley Rd., Kilburn, N.W.
1883 Mar. 6.	MARRIOTT, WILLIAM	{	Eastern & Midlands Ry., Melton Con- stable. [Marriott, Melton-Constable.]
1889 Feb. 5.	MARSH, DOUGLAS EARLE		G. W. Ry., Swindon.
1887 May 3.	MARSH, LEONARD SWAINE MORTLOCK		Waterworks Office, Sheffield.
1876 Feb. 1.	MARSHALL, ARTHUR, B.A.		Sunnyside, Potter's Bar, N. [Russia.
1886 Dec. 7.	MARSHALL, HERBERT AUGUSTUS		Alexandrowsk, Ekaterinoslav, South
1889 May 7.	MARSHALL, JENNER GUEST		Westcott Barton Manor, Oxon.
1888 May 15.	MARSTON, CHARLES FREDERICK		Borough Surveyor, Sutton Coldfield.
1884 Feb. 5.	MARSTON, GEORGE DALLAS		G.I.P. Ry., Bombay.
1883 May 1.	MARTEN, EDWARD DIMMACK, M.A.		Birches, Codsall, Wolverhampton.
1884 May 27.	MARTEN, HENRY JAMES		Town Hall, Bradford.
1891 May 5.	MARTEN, HUBERT BINDON		G. W. Ry., Pangbourne.
1878 Feb. 5.	MARTIN, GEORGE		Gasworks, Bahia, Brazil.
1887 Dec. 6.	MARTIN, JOSEPH ERNEST		Nizam's Ry., Hyderabad, India.
1885 May 19.	MARTIN, PEDRO TOMAS-Y-		Megaw & Norton, 36 Lime St., E.C.
1877 Mar. 6.	MARTIN, THOMAS HENRY		New Barnet, Herts.
1887 Dec. 6.	MARTIN, WALTER RICHARDS		65 Cornwall Gardens, S.W.
1886 May 18.	MARTIN, WILLIAM JAMES		Aguas Corrientes, Parana, Argentine
1888 Dec. 4.	MARTINDALE, WARINE BEN HAY		Overfield, Bickley, Kent. [Republic.
1890 Dec. 2.	MARTINEAU, HOWARD		4 South Rd., Clapham Park, S.W.
1888 Dec. 4.	MARTIN-LEAKE, STEPHEN		Marshalls, Ware, Herts.
1880 Dec. 7.	MARTYN, GEORGE VALENTINE		N. W. Ry., Lahore, India.
1884 Dec. 2.	MARWOOD, HORACE RICHARD	{	Piraeus Larissa Ry., Grande Maison Mélas, Athens.
1887 May 3.	MASON, CHARLES		Vestry Hall, St. Martin's Pl., W.C.
1877 Dec. 4.	MASON, WILLIAM JOSHUA		Holmleigh, The Avenue, Surbiton.
1881 May 31.	MASSEY, JOHN DUNHAM	{	103 Central Hill, Upper Norwood, S.E.
1888 Apr. 10.	MASSIE, FRANK		Tetley Ho., Kirkgate, Wakefield.
1884 Feb. 5.	MASTERMAN, CHARLES EDWARD		Rye Bank, Alsager.
1886 Feb. 2.	MASTERTON, HENRY		111 Boutport St., Barnstaple. [gow.
1887 Feb. 1.	MATHESON, DONALD ALEXANDER		Central Ry. Works, Derby St., Glas-
1883 Mar. 6.	MATHESON, HENRY CRIPTS		c.o. Messrs. Russell & Co., Hong Kong.
1867 Apr. 2.	MATHEWS, EDWARD DAVIS		
1865 Jan. 10.	MATTHEWS, HENRY GARLAND		
1877 Mar. 6.	MATTHEWS, WILLIAM MACDONALD		4 Nelson Crescent, Ramsgate.
1888 May 1.	MATTOS, ALVARO GOMES DE		98 Rua da Saude, Rio de Janeiro.
1887 Dec. 6.	MAUGHAN, JAMES ARCHIBALD	{	C.P. State Collieries, Umariá, Katni, India.
1885 May 19.	MAUNSELL, FREDERICK WILLIAM, B.A.		Edenmore, Raheny, co. Dublin.
1884 Dec. 2.	MAVOR, PERCY WILLIAM		Linares, Spain.
1885 Dec. 1.	MAWBAY, ENOCH GEORGE		Borough Surveyor, Leicester.
1885 Apr. 14.	MAXTED, GEORGE VINCENT		6 Church Mount, Sutton-on-Hull.
1883 Dec. 4.	MAXWELL, WELLWOOD		Kirkcannan, Dalbeattie, N.B.
1877 Apr. 10.	MAXWELL-MÜLLER ROBERT WILLIAM		10 Victoria St., S.W.

Date of
Election.

ASSOCIATE MEMBERS.

1889 Apr. 2.	MAY, CHARLES ERSKINE	P.W.D., Perth, W. Australia. [Scotia.
1885 Mar. 3.	MAY, CHARLES RAMSDEN	Chignecto Ship Ry., Amherst, Nova
1886 Dec. 7.	MAY, FRANCIS JOHN CHARLES	25 Compton Avenue, Brighton.
1876 Mar. 7.	MAY, JAMES GEORGE	12 Blandford Square, N.W.
1883 Apr. 3.	MAY, OLIVER	38 Castle Street, Canterbury.
1879 Dec. 2.	MAY, THOMAS	Gas and Waterworks, Canterbury.
1884 May 27.	MAY, THOMAS, JUN.	Gasworks, Richmond, Surrey.
1890 Jan. 14.	MAY, WALTER EDWARD	L. & N. W. Ry., Walsall.
1866 Mar. 6.	MAYER, EDWARD ADOLPHUS FENWICK	
1889 Dec. 3.	MAYLOR, WILLIAM, JUN.	Calicut, Malabar Coast, India.
1890 May 6.	MAYNARD, JOHN CLARKSON PHILLIPS	Bengal-Nagpur Ry., Nagpur, C.P.,
1876 Jan. 11.	MEAD, ARTHUR	Springfield Rd., Chelmsford. [India.
1886 Dec. 7.	MEAD, FRANK	Devon Lodge, Sutton, Surrey.
1871 Mar. 7.	MEAGHER, JAMES JOSEPH	St. Lucia, West Indies.
1890 Dec. 2.	MEE, GEORGE HENRY	Midland Ry., Bhopal, India.
1883 May 29.	MEILBEK, JOSEPH	13 Victoria Street, S.W. [S.W.
1886 May 4.	MELDRUM, JAMES	A. C. Cochrane, 59 Philbeach Gdns.,
1888 Feb. 7.	MELHUSH, THOMAS WALTER WARREN	I. Schenkenstrasse 10, Vienna.
1877 May 29.	{MELISURGO-MELISSENOS, GIULIO CESARE}	76 Viâ Poerio, Naples.
	{ALESSANDRO}	
1874 May 5.	MELLISS, JOHN CHARLES	232 Gresham House, E.C.
1882 May 2.	MENNEER, RICHARD ROBERT	{P.W.D., Western Nara, Dadur, Sind,
		{India.
1874 Feb. 3.	MENZIES, JOHN	Menai Bank, Carnarvon.
1883 Dec. 4.	MERCER, GEORGE BARKER	{100 Pembroke Place, Liverpool.
		{[Arrenpee, Liverpool.]
1866 Dec. 4.	MERCER, WILLIAM	{9 Avoca St., South Yarra, Mel-
		{bourne, Victoria.
1889 Dec. 3.	MERCER, WILLIAM ALEXANDER	Glencoe House, Castletown Rd., S.W.
1891 May 5.	MEREDITH, WILLIAM MANSE	The Osiers, Chiswick Mall, W.
1888 Dec. 4.	{MEREWETHER, EDWARD ALWORTH}	
	{MITCHELL, B.E.}	The Ridge, Newcastle, N.S.W.
1888 May 1.	MERIVALE, WALTER	The Deanery, Ely.
1891 Apr. 7.	MESSINGER, THOMAS	2 Clarence Lawn, Dover.
1888 Mar. 6.	MESSENT, PHILIP GLYNN	Port Trust, Bombay. [Bristol.
1888 May 15.	METCALFE, ARTHUR WHARTON	3 St. Stephen's Chams., Baldwin St.,
1885 Mar. 3.	{METCALFE, Sir CHARLES HERBERT}	Sir Douglas Fox, 28 Victoria Street,
	{THEOPHILUS, Bart.}	S.W.
1884 Feb. 5.	METHVEN, JOHN	Gas L. & Coke Co., Nine Elms, S.W.
1878 Feb. 5.	MEYSEY-THOMPSON, ARTHUR HERBERT	Sun Foundry, Leeds. [Rochester.
1874 Dec. 1.	MICHELE, VITALE DOMENICO DE	14 Delahay St., S.W.; and Higham,
1880 May 4.	MICHELL, THEOPHILUS	King, King & Co., Bombay.
1881 Dec. 6.	MICHELL, WILLIAM	King, King & Co., Bombay.
1889 Jan. 8.	MIDDLEMIST, HENRY WARD	Graveley, Stevenage, Herts.
1887 Mar. 1.	MILLER, FREDERICK FRASER	13 St. John St., Montreal, Canada.
1883 Feb. 6.	MILLER, HENRY	35 Washington Ter., North Shields.
1885 Dec. 1.	MILLER, THOMAS LODWICK	19 Percy Street, Liverpool.
1883 Dec. 4.	MILLES, ROBERT SYDNEY	G.P.O., Launceston, Tasmania.
1881 Dec. 6.	MILLHOUSE, WILLIAM	Corporation Waterworks, Scarboro'.
1890 Apr. 1.	MILLS, ARTHUR EDWIN	Nurney, Glenagarey, co. Dublin.
1882 May 23.	MILLS, CHARLES AUGUSTUS	Grindlay's, 55 Parliament St., S.W.
1885 Dec. 1.	MILLS, JOHN CHARLES	H. S. King & Co., 65 Cornhill, E.C.
1884 Feb. 5.	MILLS, WILLIAM BURTON SAVILLE	L. C. & D. Ry., Canterbury.
1870 Apr. 5.	MILNER, HENRY ERNEST	{Dulwich Wood, Norwood, S.E.
		{[Paysagiste, London.]
1888 Dec. 4.	MILNES, GEORGE PERCIVAL	Town Surveyor, Stroud, Glos.
1882 Dec. 5.	MINAMI, KIYOSHI	Sanyo Ry., Hiogo, Japan.
1888 May 1.	MINCHIN, CHARLES FREDERICK	9 Mount Ephraim, Tunbridge Wells.
1881 Apr. 5.	MINCHIN, JOHN BIRCH	J. D. Campbell & Co., Taona, Chili.
1891 May 5.	MIRKLEES, WILLIAM JULIUS, B.Sc.	{42 Aytoun Road, Pollokshields,
		{Glasgow.
1883 Feb. 6.	MITCHELL, HUGH	39 Bruntsfield Pl., Edinburgh.
1889 Jan. 8.	MITCHELL, HUGH McPHERSON	G. I. P. Ry., Khandwa, C.P., India.

Date of Election.	ASSOCIATE MEMBERS.	
1886 Feb. 2.	MITCHELL, THOMAS	Calcutta.
1888 May 15.	MITCHELL, THOMAS WILFRED HOWE	Mining Offices, Eldon St., Barnsley.
1891 Jan. 13.	MITCHESON, PERCY EDWARD	Durban, Natal.
1889 Feb. 5.	MOIR, ERNEST WILLIAM	{ Pearson & Sons, Hudson River Tunnel, New York, U.S.
1883 May 29.	MOLECEY, CHARLES SIMPSON TWIGGE	5 Great George Street, S.W.
1889 May 21.	MOLINE, LEWIS PRICHARD	{ Victorian Water Supply, Melbourne, Victoria.
1881 May 31.	MOLINE, WILLIAM	19 The Avenue, Clifton, Bristol.
1889 Feb. 5.	MOLLISON, JAMES SMITH	P. W. D., Sewerage, Sydney, N.S.W.
1883 Feb. 6.	MOLONY, JOHN STORAN, B.A., M.E.	3532 Washington Av., St. Louis, Mo.,
1884 May 27.	MONCKTON, ARTHUR	Basted, Sevenoaks, Kent. [U.S.
1890 May 6.	MONCKTON, CLAUD	Torrington House, Pinner, Watford.
1880 May 4.	MONCKTON, MARMADUKE JOHN	H. S. King & Co., 65 Cornhill, E.C.
1890 May 6.	MONCRIEFF, JOHN MITCHELL	20 Kenilworth Rd., Newcastle-on-Ch.
1886 Feb. 2.	MONCUR, JAMES	Surveyor of Rds., Stafford. [Tyne.
1888 Feb. 7.	MONEY, ROBERT JARRATT	{ Mrs. Buckton, North Cave, R.S.O., Yorks.
1866 Feb. 6.	MONSON, EDWARD	43 Mill Hill Road, Acton, W.
1882 Feb. 7.	MONSON, GEORGE JOHN	18 Clarkson St., Glossop Rd., Shef-
1886 Apr. 6.	MONSON, HENRY	Vestry Hall, Piccadilly, W. [field.
1878 May 28.	MONTAGUE, JOHN MONTHERMER, M.A.	Leigh Woods, Clifton, Bristol.
1887 Apr. 5.	MONTANARO, ALFRED MONROY	{ F. C. Tehuantepec, Coatzacoalcas, Mexico.
1889 Dec. 3.	MOOKERJEE, ATUL KRISHNA, B.C.E.	District Eng., Dinagepore, Bengal.
1832 Dec. 5.	MOOKERJEE, RADHICA PROSAUD ..	24 Pergunnahs Bhowanipore, Cal-
1876 Mar. 7.	MOORE, ALEXANDER WILLIAM	G. W. Ry., Frome. [cutta.
1891 May 5.	MOORE, ARTHUR MEYRICK	Highfield Ho., Shrewton, Devizes.
1887 Mar. 1.	MOORE, CUNINGHAME WILSON	P.O. Box 88, Cape Town, C.C. [S.W.
1886 Dec. 7.	MOORE, EDWIN HENRY	20 Baskerville Rd., Wandsworth Com.,
1885 May 5.	MOORE, JAMES MICHAEL	P.W.D., Georgetown, Demerara.
1883 Dec. 4.	MOORE, RICHARD ST. GEORGE	17 Victoria Street, S.W.
1888 Mar. 6.	MOORE, WILLIAM JAMES PERRY ..	{ Worthington Eng. Co., 153 Queen Victoria Street, E.C. [E.C.
1886 Mar. 2.	MORE, JAMES, JUN.	Dick, Kerr & Co., 101 Leadenhall St.,
1890 Feb. 4.	MORGAN, JAMES	City Engineer's Office, Liverpool.
1889 Dec. 3.	MORGAN, WILLIAM BARLOW	3 St. Leonard's Terrace, Weymouth.
1889 Dec. 3.	MORIARTY, HARRY ALLASTER ORPEN	Roads Office, Young, N.S.W.
1889 Mar. 5.	MORLEY, JOHN GEORGE	Town Hall, West Ham, E.
1883 Feb. 6.	MORRIS, EDMUND LEGH	New River Wks., Finsbury Pk., N.
1889 Dec. 3.	MORRIS, FRANCIS SANDERS	22 Buckingham Street, Strand, W.C.
1889 Dec. 3.	MORRIS, PERCY MACDONALD	{ Eng.'s Office, F. C. del Sud, Buenos Ayres.
1888 May 15.	MORRIS, WILLIAM ROBERT	30 Ebury St., Pimlico, S.W. [Ayres.
1879 Dec. 2.	MORROW, WILLIAM HENRY	Neild & Co., 265 Calle Maipu, Buenos
1887 May 24.	MORSE, AMYAS	H. S. King & Co., 45 Pall Mall, S.W.
1886 Jan. 12.	MORSE, HAROLD	Fostoria, Ohio, U.S.
1890 Mar. 4.	MOSS, HENRY ALLAN	P.W.D., Tanjore, India.
1879 Feb. 4.	MOSSALLEN, M. LABEED	Cairo, Egypt.
1877 May 1.	MOULLIN, ARTHUR DANIEL	Clifton, Guernsey.
1877 Mar. 6.	MOYLE, SAMUEL	33 Great George Street, S.W.
1890 Mar. 4.	MOYNAN, JOSEPH, B.C.E.	Chief Eng., Dundas Shire, Victoria.
1889 Feb. 5.	MUIR, EDWARD LESLIE ROBERT, A.K.C.	Eng.'s Office, Midland Ry. Derby.
1890 Dec. 2.	MULLER, JOHAN VIGGO SIGVALD ..	{ Estação Bangu, E. F. Central, Rio de Janeiro.
1886 Feb. 2.	MULLIGAN, THOMAS NORTH, A.K.C. ..	65 Island Road, Garston, near Liver-
1877 Jan. 16.	MULOCK, GEORGE PHILLIPS	Fleetwood Docks, Lancashire. [pool.
1885 Feb. 3.	MUMFORD, ARTHUR GEORGE	Colchester.
1885 May 19.	MUNCE, JAMES	Town Hall, Belfast.
1872 May 7.	MUNDAY, HENRY THOMAS	12 Victoria Street, S.W.
1890 Dec. 2.	MUNN, ROBERT ANDREW	40 St. Enoch's Square, Glasgow.
1867 May 7.	MURDOCH, GEORGE BROWN	Union Club, Sydney, N.S.W.
1889 Dec. 3.	MURGATROYD, SAMUEL LEES	M. S. & L. Ry., Manchester.

Date of Election.	ASSOCIATE MEMBERS.			
1871 Dec. 5.	MURPHY, PHILIP EDWARD	Elgin House, South Tottenham, N.		
1875 Dec. 7.	MURRAY, ALEXANDER	P. W. D., Colombo, Ceylon. [vaal.		
1890 Jan. 14.	MURRAY, CHARLES	P.O. Box 431, Johannesburg, Trans-		
1876 Mar. 7.	MURRAY, JAMES WATSON	Glenmore, Mullingar.		
1883 Feb. 6.	MURRAY, JOHN	Correio 906, Rio de Janeiro.		
1890 Apr. 1.	MURRAY, STEWART BINNY	c.o. New Oriental Bank, Madras.		
1874 Dec. 1.	MURZBAN, MUNCHERJEE COWASJEE, } Khán Bahádur, C.I.E.	Ex. Eng., Presidency, Bombay.		
1886 Dec. 7.	MUSGRAVE, JAMES	Calle Piedad 655, Buenos Ayres.		
1881 May 3.	MYALL, AMBROSE AUGUSTUS	{ 21 Cockspur Street, S.W. [Ipra, London.]		
1887 Mar. 1.	MYLNE, HENRY CHARLES	Duncan Bros., 28 Victoria St., S.W.		
1890 Mar. 4.	MYRES, JOHN JAMES	15 Chapel St., Preston.		
1886 May 4.	NABHOLZ, KARL EMIL	Irish Lights Office, Dublin.		
1891 Mar. 3.	NAPIER, ARCHIBALD SCOTT	31 Lower Seymour St., W.		
1888 Jan. 10.	NAPIER, Hon. EDWARD HERBERT SCOTT	Grindlay, Groom & Co., Bombay.		
1890 Dec. 2.	NARDIN, ERNEST ANTHONY	Box 37, G.P.O., Sydney, N.S.W.		
1887 Dec. 6.	NASH, ALFRED GEORGE, B.Sc.	Greenvale House, Mile Gully P.O.,		
1884 May 27.	NATHAN, BENJAMIN ARTHUR	Santafiora, Grosseto, Italy. [Jamaica.		
1878 Feb. 5.	NEAL, HERBERT	{ Dulverton Lodge, Copers Cope Rd., Beckenham.		
1873 Feb. 4.	{ NEALE, DEODATUS HILIN WILLIAM } JOHNSTOUN NELSON O'NEALE	c.o. Ry. Commissioners, Sydney, N.S.W.		
1889 Jan. 8.	NEALL, FRANK FEARNE	Gov. Rys., Maritzburgh, Natal. [India.		
1885 May 5.	NELSON, HENRY	Rohilkund Canals, Bareilly, N.W.P.,		
1883 Dec. 4.	NELSON, ROBERT EDWARD	Ch. Eng.'s Office, Rangoon, Burma.		
1883 Dec. 4.	NETTLEFOLD, HUGH	Hallfield, Edgbaston, Birmingham.		
1891 May 5.	NETTLETON, HUGH	Town Hall, Weston-super-Mare.		
1888 Dec. 4.	NEVILL, PERCY	Harbour Works, Douglas, I. of Man.		
1882 Dec. 5.	NEVILLE, LOUIS	Canal Navigation Office, Oxford.		
1891 May 12.	NEVINS, HUBERT PENROSE	{ Water Supply Dept., Melbourne, Victoria.		
1879 Mar. 4.	NEVITT, CHRISTOPHER JOHN	13 Bailey Street, Stafford.		
1882 Dec. 5.	NEWCOMBE, ALFRED CORNELIUS	Bolarum, Deccan, India.		
1889 Feb. 5.	NEWELL, THOMAS MONK	Dock Office, Hull.		
1879 May 6.	NEWAY, JOSEPH	P.W.D., King William's Town, C.C.		
1882 Dec. 5.	NEWHAM, WILLIAM EDWARD	Toungthoo Ry., Mandalay, Burma.		
1874 May 12.	NEWMAN, JOHN	6 Coburg Road, Teddington.		
1890 May 6.	NEWMAN, JOHN THOMAS	{ 190 Church Hill Rd., Handsworth, Birmingham.		
1891 May 5.	NEWMARCH, HERBERT SMALES	Ship Canal, Contr.'s Offi., Runcorn.		
1880 Apr. 6.	NEWTON, ALFRED HOWARD VINCENT	Asst. Municipal Eng., Singapore, S.S.		
1871 May 23.	NEWTON, JOSEPH	201 Norwood Road, Herne Hill, S.E.		
1868 May 5.	NEWTON, SAMUEL BARTON	Bhowalee, Naini Tal, N.W.P., India.		
1885 Dec. 1.	NEWTON, WILLIAM GYLICH	King, King & Co., Bombay.		
1887 May 24.	NEWTON, WILLIAM JOSEPH	Boro' Surv., Town Hall, Accrington.		
1877 Feb. 6.	NICE, ALFRED SLATER	Carlton Hall, nr. Newmarket.		
1888 Feb. 7.	NICHOLL, ARTHUR EDWARD	The Rectory, Streatham, S.W.		
1890 Dec. 2.	NICHOLS, ALBERT EDWARD	Boro' Eng.'s Office, Leeds.		
1886 Dec. 7.	NICHOLS, HARRY BERTRAM	{ Grosvenor Chams., Corporation St., Birmingham.		
1888 Apr. 10.	NICHOLSON, GEORGE TAYLOR	The Terrace, Roker, Sunderland.		
1890 Dec. 1.	NICHOLSON, WALTER SERY	30 Great George St., S.W.		
1887 May 3.	NICOL, ROBERT GORDON	Harbour Eng.'s Office, Aberdeen.		
1888 Dec. 4.	NISBET, THOMAS	Central Ry., Union Street, Glasgow.		
1872 Dec. 3.	NOAD, WELLESLEY INNES	Simons Town Ry., Kalk Bay, C.C.		
1888 Jan. 10.	NORDENFELT, PETER	32 Victoria Street, S.W.		
1879 Feb. 4.	NORFOR, ROBERT EDWARD	Messrs. Binny & Co., Madras. [Italia.		
1886 Apr. 6.	NORMAN, WALTER	Gt. Southern Ry., Albany, W. Aus-		
1881 Apr. 5.	NORMANVILLE, WILLIAM DE	Boro' Eng., Town Hall, Leamington.		

Date of Election.		ASSOCIATE MEMBERS.			
1890 Dec. 2.		NORRINGTON, JAMES PALMER		Vestry Offices, Fulham, S.W.	
1885 Feb. 3.		NORTH, JOHN		Oakley House, near Seole, Norfolk.	
1876 Feb. 1.		NUBAR, BOGHOS, <i>Bey</i>		{ Ing. des Arts et Manufactures, Alexandria.	
1887 May 24.		NUNN, FRANCIS CRUMPTON		Eastnor, Sydenham Hill, S.E.	
1872 May 7.		NUTTALL, THOMAS		Bury, Lancashire.	
1888 Apr. 10.		NYE, WILLIAM THOMAS		Gasworks, Rockhampton, Queensland.	
1877 May 1.		OAK, WILLIAM PERCIVAL		Govt. Rys., Maritzburg, Natal.	
1885 May 5.		OAKES, <i>Sir</i> REGINALD LOUIS, <i>Bart.</i> ..		York Eng. Co., Lemau Road, York.	
1887 May 3.		OAKLEY, ALGERNON SEYMOUR BERNARD		{ Gold Mining Co., Colar Rd., Mysore, India.	
1880 May 25.		ODDIE, HENRY JAMES		Grindlay, Groom & Co., Bombay.	
1873 Mar. 4.		ODLING, FRANCIS JAMES		{ 3 Canada Buildings, Queen's Place, Sydney, N.S.W.	
1887 Mar. 1.		O'DRISCOLL, FLORENCE		J. W. Michael, 110 Cannon St., E.C.	
1890 Dec. 2.		O'DWYER, JOHN SEABURY, B.A.Sc. ..		{ 237 Cordova St., Vancouver, British Columbia.	
1889 Jan. 8.		OERTEL, FRED. OSCAR		Allahabad, India.	
1877 Mar. 6.		Ogilvie, ARTHUR GRAEMIE, B.A. ..		4 Great George Street, S.W. [Mexico.	
1886 Jan. 12.		Ogilvie, GEORGE TOD		H. G. Gibbon, 2A Humboldt 3,	
1880 Dec. 7.		Ogilvie, ROBERT CHARLES FREDERICK		Great Southern Ry., Aguilas, Spain.	
1859 Jan. 11.		OHREN, MAGNUS		Lower Sydenham, S.E.	
1865 Apr. 4.		OKES, JOHN CHARLES RAYMOND ..		{ 39 Queen Victoria St., E.C. [Oak-tree, London.]	
1875 Feb. 2.		OLANDER, EDMUND		G.W.Ry., Eng.'s Off., Paddington, W.	
1887 Dec. 6.		OLD, TRENHAM		Bay Rd., St. Leonards, Sydney, N.S.W.	
1889 May 21.		OLDFIELD, DAVID		Bloemfontein, Orange Free State.	
1879 Feb. 4.		OLIVE, WILLIAM THOMAS		Glen Luce, Croft's Bank, Urmston.	
1889 Mar. 5.		OLIVER, CALDER EDKINS		{ Victorian Water Supply Dept., Melbourne, Victoria.	
1889 Dec. 3.		OLIVER, CHARLES DEANE, B.E. ..		Rockmill Lodge, Mallow, co. Cork.	
1881 Dec. 6.		OLIVER, ROBERT STEWART		19 Ness Bank, Inverness.	
1865 Apr. 4.		OLIVER, THOMAS		Horsham.	
1885 Apr. 14.		OLLIS, WILLIAM BAKER		Blagdon, near Bristol.	
1881 Dec. 6.		OLSEN, HANS BLOM		Toldbodgaden 12b, Christiania.	
1884 Feb. 5.		O'NEILL, WILLIAM PURCELL		{ M. G. W. Ry., Longford, Ireland. [O'Neill, Longford.]	
1864 Mar. 1.		ONslow, DOUGLAS ARTHUR		28 Carlton Hill, St. John's Wood.	
1890 Apr. 1.		ORDISH, OWEN		{ H.M. Dockyard, Haulbowline, Queenstown.	
1885 Feb. 3.		ORMEROD, RICHARD OLIVER		35 Philbeach Gardens, S.W.	
1890 Mar. 4.		ORR, ADOLPHE ERNEST		P.W.D., Dera Ghazi Khan, India.	
1889 Dec. 3.		ORR, HENRY ADAIR		Pemberley, Bedford.	
1887 Dec. 6.		ORTON, FREDERICK		112 Miskin St., Cardiff.	
1890 Dec. 2.		OSBORN, ASHBY FREDERICK		Roads Office, Cowra, N.S.W.	
1891 Apr. 7.		OSBORN, FRANK CHITTENDEN		King Mfg. Co., Cleveland, Ohio, U.S.	
1891 May 5.		OSMAN, CHARLES WILLIAM		G.I.P. Ry., Poona, Bombay.	
1887 Dec. 6.		OSMOND, WILLIAM		{ 37 Rua da Santa Luzia, Rio de Janeiro. [Japan.]	
1887 Dec. 6.		OTAGAWA, MASAYUKI, M.E.		Ashio Copper Mine, Shimotsuke,	
1885 Apr. 14.		OUGH, HENRY		79 St. Paul's Churchyard, E.C.	
1890 Dec. 2.		UGHTERSON, ARTHUR		{ West Kent Mills, Church St., Boro' Market, S.E.	
1885 Dec. 1.		OVERTON, FRANK		Felindre, Llangyfelach, Swansea.	
1875 Apr. 6.		OWEN, JOHN ARTHUR		Engineer's Off., Trinity House, E.C.	
1868 Jan. 14.		OWEN, THOMAS ELLIS		Ex. Eng., Bhaugulpore, Bengal.	
1887 Dec. 6.		OWEN, WILLIAM LAMB DEN		{ Midland Ry., Guildford, Western Australia.	
1874 May 12.		OWER, CHARLES		104 Commercial Street, Dundee.	
1884 Dec. 2.		OXLEY, JAMES ABBOTT		{ La Banda, Santiago del Estero, Argentine Republic.	
1887 Apr. 5.		OXTOBY, WILLIAM		18 Spring Street, Hull.	

Date of
Election.

ASSOCIATE MEMBERS.

1889 Dec. 3.	PACHECO, ALFREDO HENRIQUE	Rua Ouvidor 102, Rio de Janeiro.
1888 Apr. 10.	PADDON, JOHN FALKNER	Gas Co., Hove, Brighton.
1887 Apr. 5.	PAGE, EDWARD HENRY	Caerphilly Rd., Llanishen, Cardiff.
1877 May 29.	PAGE, WILLIAM	Osborne House, Newcastle-on-Tyne.
1886 Feb. 2.	PAINE, JOHN SAMUEL	44 Compton Avenue, Brighton.
1886 Dec. 7.	PALLANT, THOMAS	Pacasmayo Ry., Trujillo, Peru.
1889 Mar. 5.	PALMER, ALFRED WILLIAM DAMPIER	11 Imperial Bldgs., Dale St., Liverp'l.
1884 Dec. 2.	PALMER, CHARLES STUART RUSSELL	P.W.D., Nagpur, C.P., India.
1890 Apr. 1.	PALMER, FREDERICK	E.I. Ry., Calcutta.
1884 May 6.	PALMER, PHILIP HENRY	Boro' Engineer, Town Hall, Hastings.
1886 Jan. 12.	PALMER, THOMAS CASSINET	121 Adelaide Road, N.W.
1884 Feb. 5.	PARDO, CAMILO GUILLERMO	Torromé, Son & Co., 4 Jeffrey's Sq., E.C.
1887 May 24.	PARK, CHARLES ARCHIBALD	Wolverton, Bucks.
1891 Mar. 3.	PARKER, CHARLES	St. George's Club, Hanover Sq., W.
1884 Feb. 5.	PARKER, CHARLES DONALD NAPIER ..	32 Broadwater, Tunbridge Wells.
1889 Dec. 3.	PARKER, EDWARD LEONARD	99 Queen St., Melbourne, Victoria.
1883 May 29.	PARKER, HENRY	P. W. D., Vilanhumal, Ceylon.
1890 Dec. 2.	PARKER, JAMES ALEXANDER, B.Sc.	18 Abingdon St., Westminster, S.W.
1887 Mar. 1.	PARKER, JOHN	City Surveyor, Hereford.
1887 May 24.	PARKER, JOHN	42 Dryden St., Nottingham.
1886 Dec. 7.	PARKER, JOHN EDWARD	Lanchester, Durham.
1889 Jan. 8.	PARKER, WILLIAM	{ 34 Darling St., South Yarra, Mel- bourne, Victoria.
1880 Dec. 7.	PARKES, CHARLES REGINALD	E. Ferry Rd. Engine Wks., Millwall, E.
1884 Feb. 5.	PARKES, HENRY	8 Grove Road, Surbiton.
1873 Apr. 1.	PARKES, THOMAS FARMER	Lambeth Waterworks, Brixton, S.W.
1888 Feb. 7.	PARKHOUSE, ALFRED WILLIAM LONG	{ 2 Frederick Villas, Morland Road, Croydon.
1891 Mar. 3.	PARKIN, FREDERIC WILLIAM	154 West George St., Glasgow.
1889 May 7.	PARKIN, JOHN HENRY	38 New Street, Huddersfield.
1886 Apr. 6.	PARKINSON, HENRY HOLLINWORTH ..	3 Victoria Street, S.W. [N.S.W.]
1884 Apr. 1.	PARKINSON, HENRY WATERWORTH ..	Ry. Construction Dept., Sydney,
1889 Feb. 5.	PARKINSON, JAMES	50 Station Rd., Turton, Bolton.
1882 May 2.	PARKINSON, RICHARD MARION	Langenhoe, Colchester.
1873 Apr. 1.	PARRY, ALBERT WOODWARD	22 The Forbury, Reading.
1886 Apr. 6.	PARRY, HENRY ERNEST	P.W.D., Albany, Western Australia.
1879 Dec. 2.	PARRY, JOSEPH WILLIAM	Grindlay, Groom & Co., Bombay.
1887 Dec. 6.	PARRY, WALTER	Waterworks, Allahabad, India.
1874 Dec. 1.	PARRY, WILLIAM ENSOR	P.W.D., Benares, India.
1879 May 27.	PARSICK, EDMUND ALBERT, B.E.	Calcutta.
1881 May 31.	PARSONS, Hon. CHARLES ALGERNON ..	Elvaston Hall, Ryton-on-Tyne.
1888 Jan. 10.	PARSONS, HERBERT JOSIAH	c.o. Chief Eng., Madras Ry., Madras.
1885 Dec. 1.	PARTINGTON, THOMAS	West Highland Ry., Helensburgh,
1886 Apr. 6.	PARTRIDGE, GODFREY BOWEN	40 Thicket Rd., Anerley, S.E. [N.B.]
1888 Dec. 4.	PARTRIDGE, WILLIAM ANTHONY MORGAN	Salisbury Club, St. James's Sq., S.W.
1889 Mar. 5.	PATCHELL, WILLIAM HENRY	84 West Ferry Rd., Millwall, E.
1890 Dec. 2.	PATERSON, JAMES DONALD	{ I. C. & D. Ry., Steam Packet Yard, Dover.
1879 Dec. 2.	PATERSON, JOHN	Fort William, N.B.
1881 Dec. 6.	PATERSON, THOMAS ORMISTON	{ 7 Holly Bank Road, Birkenhead. [Pateron, Birkenhead. 4062.]
1887 Mar. 1.	PATON, JOHN	74 Forth St., Pollokshields, Glasgow.
1867 Dec. 3.	PATTERSON, EDWARD CHARLES	Pinehurst, Upper Norwood, S.E.
1885 Dec. 1.	PATTINSON, JOHN SHIELD	James Inglis & Co., Iquique, Peru.
1875 Feb. 2.	PATTISON, FREDERICK	8 Gray's Inn Square, W.C. [vaal.]
1885 May 5.	PATRICK, CHARLES BEAUFOY	P.O. Box 769, Johannesburg, Trans-
1887 Dec. 6.	PAUL, ANDREW LOUIS	7 Council House St., Calcutta.
1890 Mar. 4.	PAULING, HAROLD WILLIAM	Govt. Rys., Cape Town, C.C.
1884 May 6.	PAULING, HENRY RICHARD CLARKE	Govt. Rys., Cape Town, C.C.
1889 Dec. 3.	PAWLEY, FRANCIS ADOLPHUS	Madras Ry., Madras.
1875 May 4.	PAXMAN, JAMES NOAH	Colchester. [Paxman, Colchester.]
1886 Feb. 2.	PEACE, ALFRED LINDLEY	Thorne, Doncaster.
1880 May 4.	PEACHE, JAMES COURTHOPE	Ferry Works, Thames Ditton.

Date of Election.		ASSOCIATE MEMBERS.	
1883	Dec. 4.	PEAKE, CHARLES EDWARD	Sleaford, Lincolnshire.
1891	Jan. 13.	PEAKE, ROBERT EDWARD	Snarebrook, Essex.
1890	Dec. 2.	PEARCE, ALFRED	{ A. McC. Stewart, Shipquay St., Derry.
1871	Apr. 4.	PEARSALL, HOWARD DEVERISH	16 Willow Road, Hampstead, N.W.
1884	Feb. 5.	PEARSE, WILLIAM MONRO	Commercial Gasworks, Stepney, E.
1885	Feb. 3.	PEARSON, ALFRED	Dukinfield.
1884	Jan. 8.	PEDLEY, WILLIAM EVERARD	Prescott, Arizona, U.S.
1876	Mar. 7.	PEEL, WILLIAM	Knowlmere Manor, Clitheroe.
1890	Dec. 2.	PEGG, HENRY VILLIERS	Brecon House, Ipswich.
1873	Feb. 4.	PEGGS, JAMES WALLACE	21 Queen Anne's Gate, S.W.
1889	Feb. 5.	PEIRCE, ROBERT	224 Soho Hill, Handsworth, Staffs.
1887	Apr. 5.	PELLEREAU, HENRY ETIENNE	King, Hamilton & Co., Calcutta.
1873	Dec. 2.	PEÑA, MANUEL HIPOLITO	{ Girardot Ry., 354 Calle 11, Bogota, U.S. Colombia.
1878	Mar. 5.	PEÑA, URBANO JOSÉ DE LA	3 Recoletos, Madrid.
1884	Feb. 5.	PENLINGTON, CHARLES BERKELEY	Apartado 82, Bilbao, Spain.
1886	Jan. 12.	PENMAN, WILLIAM	5 St. Andrew Sq., Edinburgh.
1890	Jan. 14.	PENN, HARRY	{ Lynchmere, Harold Road, Upper Norwood, S.E. [E.]
1887	Jan. 11.	PENNY, ARTHUR ROBERT	C.H. Penny, 417 Mare St., Hackney,
1880	Dec. 7.	PENNY, SEPTIMUS	{ Grosvenor Ho., Uxbridge. [Penny, Uxbridge.]
1888	Dec. 4.	PENTLAND, AUGUSTUS TICHBORNE	{ University Club, Stephen's Green, Dublin.
1888	Dec. 4.	PERCEVAL, RICHARD DOUGLAS	Sind-Pishin Ry., Shala Bagh, India.
1890	Mar. 4.	PEREIRA, ALFRED CECIL	P.W.D., Bezwada, Kistna, Madras.
1885	Jan. 13.	PERKINS, HUGH FREDERICK	L. & N.W. Ry., Dawbank, Stockport.
1874	May 5.	PERRETT, EDWARD	15 Victoria Street, S.W.
1889	Feb. 5.	PERROT, SAMUEL DE	Neuchatel, Switzerland.
1877	Dec. 4.	PERRY, ALFRED	159 Holly Lane, West Smethwick.
1889	Dec. 3.	PERRY, ARNOLD HENRY	P.W.D., Alexandria, Egypt.
1881	Feb. 1.	PERRY, <i>Prof.</i> JOHN, M.E., D.Sc., F.R.S.	31 Brunswick Square, W.C.
1886	Dec. 7.	PERRY, THOMAS HOLMES	208 Correo Casilla, Monte Video.
1884	Feb. 5.	PETTIGREW, WILLIAM FRANK	44 Guildford Rd., Clapham, S.W.
1886	Apr. 6.	PHELIPS, HENRY VIVIAN MAJENDIE	P.W.D., Hyderabad, Sind, India.
1888	Dec. 4.	PHILIP, WILLIAM MARSHALL	P.O. Box 431, Johannesburg, Trans-
1885	Dec. 1.	PHILLIMORE, JOSEPH	Johore, viâ Singapore, S.S. [vaal.
1888	Feb. 7.	PHILLIPS, ARTHUR GAVED	18 Fopstone Rd., Earl's Court, S.W.
1891	Feb. 3.	PHILLIPS, ERNEST ALFRED WILLIAM	Khandwa, C.P., India.
1884	May 6.	PHILLIPS, FREDERICK CARRINGTON	28 Victoria Street, S.W.
1886	April 4.	PHILLIPS, HENRY PARNHAM	7 Grosvenor Street, W.
1887	Jan. 11.	PHILLIPS, HERBERT ARTHUR	5 Stanley Cres., Kensington Pk., W.
1872	Feb. 6.	PHILLIPS, JOHN	4 Corona Rd., Burnt Ash Hill, Lee, S.E.
1891	Jan. 13.	PICKARD, ALFRED BARNES	49 Kempshott Rd., Streatham, S.W.
1876	Feb. 1.	PICKWELL, ROBERT	65 St. Mary Street, Cardiff.
1891	Feb. 3.	PIDGEEON, JOHN	Albany, Western Australia.
1886	Mar. 2.	PIERCE, JOSIAH, JUN., M.A.	5 Summer St., Salem, Mass., U.S.
1891	Feb. 3.	PIGOTT, FRANCIS JOSEPH	P.W.D., Maradankadawala, Ceylon.
1883	Feb. 6.	PILKINGTON, OLIVER STAINTON	3 Cook Street, Liverpool.
1881	Mar. 1.	PILLOW, EDWARD	{ 162 Wistaston Road, Crewe. [Pillow, Crewe.]
1880	Mar. 2.	PINE, ARTHUR CHILLEY	47 Colville Gardens, W.
1879	Feb. 4.	PIPE, SAMUEL MATTHEW	13 North West Pier, Lond. Docks, E.
1884	Dec. 2.	PIRRIE, JOHN SINCLAIR	{ Austral Otis Elevator Co., S. Mel- bourne, Victoria.
1889	Dec. 3.	PLATT, JOHN	Somerset Villa, Gloucester.
1882	Mar. 7.	PLATT, SAMUEL SYDNEY	Town Hall, Rochdale.
1879	May 6.	POLLARD, JOHN	7 Great Queen St., Westr., S.W.
1885	Feb. 3.	POLLARD-URQUHART, MONTAGUA ALEXIS	21 York Place, Edinburgh.
1890	Apr. 1.	POLLOCK, WILLIAM	So. Landridge, Holytown, N.B.
1879	Dec. 2.	PONSFORD, JAMES	Kadi Keni, Constantinople.
1882	Dec. 5.	PONT, GEORGE VICTOR	E.I. Ry., Khagole, Patna, India.

Date of Election.	ASSOCIATE MEMBERS.				
1887 May 3.	POOLE, GEORGE THOMAS	..	..	..	P.W.D., Perth, Western Australia.
1881 May 31.	POPE, FRANCIS JOHN	..	..	..	H. S. King & Co., 45 Pall Mall, S.W.
1889 Feb. 5.	POPE, JOSEPH GORDON	..	..	..	Inglewood, Fallowfield, Manchester.
1889 Dec. 3.	POPKISS, EDWARD PETER	..	...	..	{ Junction Ry., Middelburg Rd., Cape Colony.
1882 Dec. 5.	POPKISS, RICHARD	..	..	..	{ Interoceanic Ry., Apartado 663, Mexico City.
1889 Feb. 5.	PORTEOUS, GEORGE WILLIAM	..	..	..	7 Puerta de Zamora, Salamanca, Spain.
1875 Apr. 6.	PORTER, EDMUND VERNON	..	..	..	167 Anerley Rd., Anerley, S.E.
1890 Dec. 2.	PORTER, JAMES ROBERTSON	..	..	..	{ C. & J. Ham, Swanston St., Melbourne, Victoria.
1887 May 24.	PORTER, JOHN	..	..	..	23 Longton Grove, Sydenham, S.E.
1888 Feb. 7.	PORTUS, ALEXANDER BROWN	..	..	..	Harbour Office, Sydney, N.S.W.
1889 Dec. 3.	POSTLE, JOHN DAVY	..	..	..	Roads Dept., Bega, N.S.W.
1891 May 5.	POTT, ARTHUR HENRY	..	..	..	Arc Works, Chelmsford.
1891 May 12.	POTTER, CHARLES WILLIAM	..	..	..	{ Worthington Pumping Engine Co., 153 Queen Victoria Street, E.C.
1887 Feb. 1.	POTTER, THOMAS WILLIAM	..	..	..	46 Ashley Rd., Crouch Hill, N.
1878 May 28.	POTTINGER, JOHN CURWEN	..	..	..	Ex. Eng., Ahmednuggur, Bombay.
1876 Apr. 4.	POTTS, BENJAMIN LANGFORD	FORSTER			117 Camberwell Grove, S.E. [pool.
1879 May 27.	POTTS, JOHN JAMES	..	..	..	Hydraulic Power Co., Athol St., Liver-
1867 May 21.	POTTS, JOSEPH	..	..	..	1A Hamilton Ter. W., Partick, Glasgow.
1888 Dec. 4.	POWELL, ARTHUR	..	..	..	Hewish, near Bristol.
1881 May 3.	POWELL, EDWARD	..	..	..	{ Cantref Reservoir, Cefn Coed, Merthyr Tydfil.
1882 Feb. 7.	POWELL, FRANK CHARLES	..	..	..	50 Newcomen Ter., Coatham, Redcar.
1885 Dec. 1.	POWELL, HENRY BOLLAND	..	..	..	19 Victoria Street, S.W. [London.]
1887 Mar. 1.	POWELL, JOHN MOORHEAD, B.A.	..	..	..	16 St. Helen's Place, E.C. [Ingenieur,
1880 Dec. 7.	POWLES, HENRY HANDLEY PRIDHAM				14 Margaret St., Cavendish Sq., W.
1885 May 19.	PRADO, MANOEL EUGENIO DO	..	..	..	Alagoas Railway, Maceio, Brazil.
1873 Apr. 1.	PRATT, FREDERICK MANTELL	..	..	..	11 St. George's St., Canterbury.
1864 Mar. 1.	PREBBLE, CHARLES TREW	..	..	..	Temperley, Hucclecote, Gloucester.
1885 Apr. 14.	PRENTICE, ERNEST SAMUEL	..	..	..	Greystoke, Christchurch Road, Sur-
1887 Dec. 6.	PRENTICE, THOMAS THEOPHILUS	..	..	..	Waterworks, Lima, Peru. [biton.
1888 Dec. 4.	PRESCOTT, HARRY ERNEST, M.A.	..	..	..	The Abbey, Carlisle.
1882 Feb. 7.	PRESTIGE SYDNEY	..	..	..	Homeleigh, Sunderland Rd., Forest
1882 May 2.	PRESTON, EDWARD STUART, M.A.	..	..	..	Easton Court, Tenbury. [Hill, S.E.
1869 Feb. 2.	PRESTON, EYRE WILLIAM	..	..	..	Laxton, Bray, co. Wicklow.
1891 Mar. 3.	PRESTON, FRANCIS JOHN	..	..	..	G. I. P. Ry., Bhusawal, Bombay.
1884 Mar. 4.	PRESTON, ROBERT JOHN	!	..	..	{ 4 Victoria Drive, Mount Florida, Glasgow.
1876 May 30.	PRESTON, SIDNEY	..	..	..	Carson Ho., Church End, Finchley, N.
1885 Feb. 3.	PRICE, ALFRED DICKINSON, B.A.I.	..	..	..	Gt. So. & Wn. Ry., Glenbeigh, co. Kerry.
1885 Dec. 1.	PRICE, EDWARD BELLINGHAM, B.A.	..	..	..	P. W. D., Sydney, N.S.W.
1886 Apr. 6.	PRICE, JOHN	..	..	..	Bureau des Services Sanitaires, Cairo.
1879 Dec. 2.	PRICE, JOHN	..	..	..	Surv. Off., Toxteth Park, Liverpool.
1889 Jan. 8.	PRICE, PETLEY LLOYD AUGUSTUS	..	..	..	Kentville, Nova Scotia.
1887 Jan 11.	PRICE, WILLIAM ARTHUR, M.A.	..	..	..	{ India Rubber Telegraph Works, Silvertown, E.
1891 Apr. 7.	PRICE-WILLIAMS, JOHN MORGAN	..	..	..	32 Victoria Street, S.W.
1889 Dec. 3.	PRICE-WILLIAMS, SEYMOUR WILLIAM	..	..	..	J. Mansergh, 5 Victoria St., S.W.
1891 Feb. 3.	PRICE, WILLIAM EDWARD	..	..	..	Gas Works, Hampton Wick.
1891 Jan. 13.	PRICHARD, DAVID	..	..	..	{ Brithwernydd, Penrhyndenraeth, N. Wales.
1883 Feb. 6.	PRICKETT, LANCELOT GEORGE, F.C.II.	..	..	..	Grindlays, Bombay.
1889 Dec. 3.	PRIDHAM, THEODORE	..	..	..	{ Harbours & Rivers Dept., P.W.D., Sydney, N.S.W.
1886 Feb. 2.	PRIEST, FRANK EDWARD	..	..	..	8 Glover St., Birkenhead.
1874 Dec. 1.	PRIESTLEY, ALFRED COVENEY	..	..	..	61 St. Germans Rd., Forest Hill, S.E.
1886 Mar. 2.	PRIESTLEY, CHARLES HENRY	..	..	..	9 Plas-Turton Gardens, Cardiff.
1891 Mar. 3.	PRIGG, HENRY VICTOR	..	..	..	Boro' Engineer's Office, Plymouth.
1880 Jan. 13.	PRIMROSE, ADAM	..	..	..	{ Duvivier & Co., rua do Gen. Camara, 61, Rio de Janeiro.

Date of Election.	ASSOCIATE MEMBERS.		
1890 May 20.	PRINCE, HERBERT WALTER .. ..	.. ..	{ Harbour Works, La Guaira, Venezuela.
1888 Dec. 4.	PRINSEP, REGINALD SEYMOUR .. ..	.. ..	22 Cambridge St., Pimlico, S.W.
1890 May 6.	PRITCHARD, THOMAS .. ..	.. ..	Town Surv.'s Off., Richmond, S.W.
1889 Dec. 3.	PROCTER, HERBERT TATHAM .. ..	.. ..	2 Old Palace Yard, S.W.
1889 Dec. 3.	PROUSE, ARTHUR DUNCAN .. ..	.. ..	47 Hungerford Rd., Holloway, N.
1873 May 6.	PROUSE, CHARLES .. ..	.. ..	47 Hungerford Rd., Holloway, N.
1879 Feb. 4.	PROUSE, OSWALD MILTON .. ..	.. ..	Alvington, Slade Rd., Ilfracombe.
1887 Dec. 6.	PROVIS, RICHARD .. ..	.. ..	G.P.O., Hobart, Tasmania
1878 Jan. 15.	PROVIS, THOMAS BAWDEN .. ..	.. ..	76 Finsbury Pavement, E.C.
1886 Jan. 12.	PRYCE, HENRY JAMES .. ..	.. ..	18 Ickburgh Rd., Upper Clapton, E.
1886 May 18.	PUCKERING, ROBERT COMINS .. ..	.. ..	Britannia Ironworks, Gainsborough.
1884 Dec. 2.	PULLON, JOSEPH THOMAS .. ..	.. ..	{ La C ^{ia} . Tuñel Murdoch de Hidalgo, Pachuca, Hidalgo, Mexico.
1884 Dec. 2.	PUNCHARD, JOHN HENRY .. ..	.. ..	Bourton Hall, Totnes.
1883 May 29.	PUNCHARD, WILLIAM CHARLES .. ..	.. ..	151 Cannon Street, E.C.
1880 May 4.	PURCELL, GERVAISE, A.B. .. ..	.. ..	Sau Gabriel, Los Angeles Co., Cal., U.S.
1886 Mar. 2.	PURDON, FREDERICK .. ..	.. ..	2 Great George Street, S.W.
1885 Mar. 3.	PURNELL, EDWARD JAMES, Jun. .. ..	.. ..	Coventry.
1885 Apr. 14.	PUTTEN, ERNEST VAN .. ..	.. ..	160 High St., Lewisham, S.E.
1885 Dec. 1.	PYNE, HERBERT BARRINGTON .. ..	.. ..	Nevenston Rectory, Chelmsford.
1882 Dec. 5.	QUICK, EDWARD .. ..	.. ..	{ 36 Great George St., S.W. [Avidity, London.]
1891 Apr. 7.	QUICK, FREDERIC WILLIAM .. ..	.. ..	13 Culmore Road, Peckham, S.E.
1887 Dec. 6.	QUIRK, THOMAS EDWARD .. ..	.. ..	Calle Alsina 1309, Buenos Ayres.
1887 Dec. 6.	RADCLIFF, EDWARD .. ..	.. ..	Light Ry., Coxtown, Donegal.
1889 Jan. 8.	RADFORD, JOHN CHARLES .. ..	.. ..	113 High St., Putney, S.W.
1884 Feb. 5.	RADFORD, WILLIAM HENRY .. ..	.. ..	{ Pelham Chams., Angel Row, Not- tingham.
1879 Mar. 4.	RADLEY, JOHN ALFRED .. ..	.. ..	G. E. Ry., Thorpe, Norwich.
1891 Mar. 3.	RAILTON, ALAN .. ..	.. ..	{ Harewood Lodge, Whalley Range Manchester.
1889 Dec. 3.	RAILTON, FRANK .. ..	.. ..	Gt. Southern Ry., Buenos Ayres.
1876 May 30.	RANDELL, JOHN WILLIAM .. ..	.. ..	15 Albion Square, Dalston, E.
1877 Feb. 6.	RANDOLPH, GRANVILLE WALTER .. ..	.. ..	1 St. Mary's Avenue, Harrogate.
1884 Apr. 1.	RANKIN, GEORGE .. ..	.. ..	Harbour Works, Buenos Ayres.
1874 Apr. 14.	RANKINE, DAVID .. ..	.. ..	75 West Nile Street, Glasgow.
1890 Feb. 4.	RANSOM, PETER AUGUSTUS, B.A. .. ..	.. ..	Ogden St., Ardwick, Manchester.
1886 Jan. 12.	RANSOME, ALFRED .. ..	.. ..	Stoke Hall, Ipswich.
1886 Jan. 12.	RANSOME, JAMES STAFFORD .. ..	.. ..	34 Drayton Gardens, Kensington, S.W.
1888 May 15.	RANSOME, LEWIS HENRY .. ..	.. ..	{ 44 Kensington Mansions, Earl's Court, S.W. [Street, E.C.
1888 Mar. 6.	RAPLEY, FREDERICK HARVEY .. ..	.. ..	Taite & Carlton, 63 Queen Victoria
1882 Feb. 7.	RATHBONE, EDGAR PHILIP .. ..	.. ..	{ Standard Bank Buildings, Johannes- burg, Transvaal.
1877 Dec. 4.	RATLIFF, CLEOPHAS WILLIAM .. ..	.. ..	16 Victoria Street, S.W.
1886 Jan. 12.	RATTRAY, DAVID CAMPBELL .. ..	.. ..	Eng.'s Off. M.S. & L. Ry., Manchester.
1885 Dec. 1.	RAVENHILL, THOMAS .. ..	.. ..	Clapham Common, S.W.
1890 May 20.	RAVENSHAW, HENRY WILLOCK .. ..	.. ..	{ Goolden & Co., Woodfield Rd., Har- row Rd., W.
1886 Dec. 7.	RAVES, BERTRAM ADAMS .. ..	.. ..	Welwyn, Herts.
1885 Dec. 1.	RAWSON, FREDERICK LAWRENCE .. ..	.. ..	{ 88 Queen Victoria Street, E.C. [Woodhouse, London.]
1884 Apr. 1.	RAWSON, THOMAS HAROLD .. ..	.. ..	P.W.D., Greymouth, N.Z.
1869 May 4.	RAYNER, THOMAS CHEVELEY .. ..	.. ..	Eng.'s Office, Co. Down Ry., Belfast.
1890 May 6.	RAYNES, THOMAS .. ..	.. ..	{ Water Dept., 44 Broad St., Birming- ham.
1884 Dec. 2.	READ, HARRY VAUGHAN RUDSTON .. ..	.. ..	{ Broad St. Avenue, Blomfield St., E.C. [Valorem, London. 562.]
1881 Feb. 1.	READ, RICHARD .. ..	.. ..	City Surveyor, Gloucester.

Date of Election.	ASSOCIATE MEMBERS.			
1878 May 7.	READ, RICHARD JOHN GIFFORD	..	1 Delahay St., Westminster, S.W.	
1882 Feb. 7.	READ, ROBERT HENRY	.. ..	2 Queen Square Place, S.W. [3033.]	
1879 Feb. 4.	READE, FREDERICK THOMAS	.. ..	27 Chancery Lane, W.C.	
1891 Feb. 3.	READE, JAMES FRANCIS	.. ..	55 Claremont Rd., Forest Gate, E.	
1871 Apr. 4.	READE, THOMAS MELLARD	.. ..	Park Corner, Blundellsands, L'pool.	
1886 Jan. 12.	REAH, HUDSON	.. ..	16 Church St., Preston.	
1887 Feb. 1.	REBSCH, SAMUEL	.. ..	Surat, Bombay.	
1887 Dec. 6.	REES, FREDERICK HOWELL	.. ..	Rys., Brandfort, Orange Free State.	
1887 Dec. 6.	REEVE, HENRY	.. ..	Colonial Engineer, St. Lucia, W.I.	
1881 Dec. 6.	REID, HENRY DAVID ALEXANDER	.. ..	Grace, Bros. & Co., Lima, Peru.	
1886 Mar. 2.	REID, KENNETH	.. ..	25 Philbeach Gardens, S.W.	
1884 Feb. 5.	REID, WILLIAM	.. ..	Kilbirnie, N.B.	
1881 May 3.	REILLY, FREDERICK, F.C.H.	.. ..	King, King & Co., Bombay.	
1883 May 29.	REILLY, HENRY	.. ..	27 Chancery Lane, W.C.	
1878 May 28.	REINCKE, HANS RODERICH LEOPOLD	.. ..	2 Laurence Pountney Hill, E.C.	
1873 Dec. 2.	REMFRY, CHARLES	.. ..	Minas de Linares, Spain. [1530.]	
1886 Apr. 6.	RENTON, ALEXANDER CRAIG, B.Sc.	.. ..	Central Ry., Rosario, Argentine Rep.	
1882 Mar. 7.	RENWICK, CHARLES	.. ..	Eng.'s Off., Montego Bay, Jamaica.	
1887 Dec. 6.	REUNERT, THEODORE	.. ..	Johannesburg, Transvaal.	
1879 May 6.	REYNOLDS, GEORGE BERNARD	.. ..	Grindlay, Groom & Co., Bombay.	
1830 Jan. 14.	REYNOLDS, LESLIE HUNTER	.. ..	{ Guild and Shepherd, 63 Castle St., Edinburgh.	
1886 Jan. 12.	REYNOLDS, THOMAS BLAIR	.. ..	5 Great George Street, S.W.	
1887 Dec. 6.	{ RHODES, JOHN HENRY HORACE WENT- WORTH	{	27 Park Square, Leeds.	
1889 Dec. 3.	RHODES, THOMAS	.. ..	Railway Dept., Sydney, N.S.W.	
1882 Dec. 5.	RICH, HOWARD	.. ..	Belmont, Castle Crescent, Reading.	
1878 Apr. 2.	RICHARDS, EDWIN MELVILLE	.. ..	Boro' Engineer, Warwick.	
1888 Dec. 4.	RICHARDS, RICHARD WATKINS	.. ..	City Surveyor, Sydney, N.S.W.	
1883 Mar. 6.	RICHARDSON, ARTHUR BENNET	.. ..	Alcester Rd., Wallington, Surrey.	
1887 Jan. 11.	RICHARDSON, GEORGE RICHARD	.. ..	The Avenue, Surbiton Hill.	
1890 Feb. 4.	RICHARDSON, HARRY	.. ..	Oldbury, Worcestershire.	
1876 May 2.	RICHMOND, JAMES	.. ..	Irrign. Wks., Spanish Town, Jamaica.	
1885 May 5.	RICKETTS, DASHWOOD POYNTZ	.. ..	c.o. H.B.M. Consul, Tientsin, China.	
1886 Mar. 2.	RIDLEY, MARTYN NOEL	.. ..	28 Victoria Street, S.W.	
1886 Dec. 7.	RIGBY, ARTHUR	.. ..	Hill End, Mackay, Queensland.	
1884 Dec. 2.	RIGDEN, JOHN LAMBE	.. ..	Govt. Rys., Maritzburg, Natal.	
1888 Jan. 10.	RISTORI, EMANUEL JOSEPH	.. ..	32 Victoria Street, S.W.	
1882 May 23.	RITSON, GEORGE FREDERICK	.. ..	G.P.O., Sydney, N.S.W.	
1885 Apr. 14.	RITSON, THOMAS NOBLE	.. ..	96 St. Saviour's Road, Jersey.	
1875 May 4.	RIVERS, EDWARD GEORGE	.. ..	12 Whitehall Place, S.W.	
1890 Feb. 4.	ROACH, WILLIAM LLOYD	.. ..	{ Imp. British East Africa Co., Mom- basa, East Africa.	
1890 Mar. 4.	ROBERTS, CHARLES, F.C.H.	.. ..	19 Charles St., Cardiff.	
1881 May 31.	ROBERTS, CHARLES WARREN	.. ..	Plas Wenynydd, Blaenau-Festiniog.	
1891 Jan. 13.	ROBERTS, LOUIS EDGAR	.. ..	2 Ash Grove, Victoria Pk., Man-	
1884 Apr. 1.	ROBERTS, MARTIN FENN	.. ..	Madgehill, Hanwell, W. [chester.	
1890 Dec. 2.	ROBERTS, REUBEN WILLIAM	.. ..	King's College, Cambridge.	
1886 Dec. 7.	ROBERTS, RICHARD GABBETT SPIERS	.. ..	Dist. Eng., Purneah, Bengal.	
1881 May 31.	ROBERTS, THOMAS	.. ..	Portmadoc, North Wales.	
1887 Mar. 1.	ROBERTS, THOMAS	.. ..	Govt. Rys., Adelaide, So. Australia.	
1891 May 12.	ROBERTSON, GEORGE THOMPSON, B.Sc.	.. ..	W. Highland Ry., Helensburgh, N.B.	
1887 Feb. 1.	ROBERTSON, JAMES ROBERT	.. ..	L. T. & S. Ry., Hornchurch, Essex.	
1886 May 4.	ROBERTSON, ROBERT, B. Sc.	.. ..	154 West George St., Glasgow.	
1880 Dec. 7.	ROBINS, EDWARD	.. ..	105 Regent Street, W.	
1890 Feb. 4.	ROBINS, JOHN	.. ..	305 Friern Rd., East Dulwich, S.E.	
1888 Dec. 4.	ROBINS, WILLIAM HENRY	.. ..	82A New St., Birmingham.	
1890 Mar. 4.	ROBINSON, ARTHUR SAMUEL FRANCIS	.. ..	Hildon House, Wantage, Berks.	
1877 Dec. 4.	{ ROBINSON, CHARLES LAWRENCE PEM- BERTON, B.A.	{	Easby Abbey, Richmond, Yorks.	
1875 Apr. 6.	ROBINSON, FRANK EDWARD	.. ..	13 Victoria Street, S.W.	
1880 Dec. 7.	ROBINSON, HUGH CECIL	.. ..	43 Dover Street, W.	
1887 Feb. 1.	ROBINSON, JAMES	.. ..	P.W.D., Bhagulpore, Bengal.	

Date of Election.		ASSOCIATE MEMBERS.	
1882 Dec. 5.	ROBINSON, JOHN NEWMAN	B. & N.W. Ry., Naupara, India.	
1889 Dec. 3.	ROBINSON, LESLIE STEPHEN	104 Inverness Terrace, W.	
1852 May 4.	ROBINSON, RICHARD ALEXANDER ..	Kayouktan, Pigu, Rangoon, Burma.	
1883 Dec. 4.	ROBINSON, RICHARD SYER	Barry Docks, Cardiff. [Nottingham.	
1884 May 27.	ROBINSON, WILLIAM, M. E.	Mapperley View, Woodborough Rd.,	
1885 Dec. 1.	ROBINSON, WILLIAM JAMES	City Surveyor, Londonderry.	
1885 May 19.	ROBSON, OLIVER CLAUDE	Hampton Ho., High Rd., Kilburn, N.W.	
1888 Dec. 4.	ROCHFORD, JAMES	Napier, N.Z.	
1885 May 19.	RODEN, HORACE HASSALL	W. Watson & Co., 27 Leadenhall St.	
1873 Dec. 2.	RODWELL, JOHN KIRBY	Bury St. Edmunds. [E.C.	
1886 Feb. 2.	ROECHLING, HERMAN ALFRED	23 Highfield St., Leicester.	
1879 Dec. 2.	ROGERS, ARCHIBALD COLIN CAMPBELL	Grindlay, Groom & Co., Bombay.	
1889 Apr. 2.	ROGERS, CHARLES HENRY	P. W. D., Trinidad.	
1888 Dec. 4.	ROGERS, RALPH BARON, M.A.	Penalverne, Falmouth.	
1891 Feb. 3.	ROGERSON, JOHN EDWIN, B.A.	Croxdale Hall, Durham.	
1890 Apr. 1.	RÜHE, CHRISTIAN HEINRICH	{ MM. Arens, Irmãos, Rua João	
		{ Alfredo 147, Rio de Janeiro.	
1887 Dec. 6.	ROLLESTON, JOHN CHRISTOPHER ..	Australian Club, Sydney, N.S.W.	
1872 May 14.	ROMAÑA, EDWARD L. DE	G. Stafford & Co., Arequipa, Peru.	
1890 Feb. 4.	ROMANES, CHARLES HUGH	P. W. D., Colombo, Ceylon.	
1878 Mar. 5.	ROMANES, GEORGE	Craigknowe, Slateford, N.B.	
1885 Feb. 3.	ROOPER, WALTER OSMOND	23 Greengate St., Stafford.	
1886 Apr. 6.	ROPER, JOHN SIMPSON	32 Market Square, Lancaster.	
1888 Dec. 4.	ROSE, FREDERICK, JUN.	Araraquara, São Paulo, Brazil.	
1888 Jan. 10.	ROSE, GEORGE PRINGLE	Kojak Tunnel, Quetta, Beluchistan.	
1886 Apr. 6.	ROSE, JAMES WILMOT ANDREAS ..	{ Slate Ry., Bloemfontein, Orange	
		{ Free State.	
1891 Mar. 3.	ROSS, COLIN JOHN, B.E., B.Sc. ..	The Exchange, Sydney, N.S.W.	
1882 Dec. 5.	ROSS, DAVID JAMES	Engineer's Office, Guildhall, E.C.	
1889 Dec. 3.	ROSS, FRANCIS EDWARD	10 Whitehorse Rd., Croydon.	
1872 Feb. 6.	ROSS, HENRY FRANCIS	15 Relf Rd., Peckham, S.E.	
1889 Jan. 8.	ROSS, JOHN CLARK	Bloomfield Bros., Warrnambool, Vict.	
1891 May 12.	ROSS, PATRICK JOHNSTON	{ Midland Ry. Survey Camp, Perth,	
		{ Western Australia.	
1890 Feb. 4.	ROSS, PERCIVAL	North Bierley, Bradford, Yorks.	
1890 Dec. 2.	ROSSBACH, WILLIAM	{ Harbours and Rivers Dept., Sydney,	
		{ N.S.W.	
1877 Mar. 6.	ROTHWELL, RICHARD MARSHALL ..	Hunter's Hill, Sydney, N.S.W.	
1884 Feb. 5.	ROUSE, HENRY GEORGE ARCHIBALD ..	2 Coolhurst Road, Crouch End, N.	
1890 Apr. 1.	ROUTH, WILLIAM POLE	Tilehurst, Reading.	
1878 May 7.	ROWAN, ARTHUR HILL	11 Victoria Street, S.W.	
1886 Apr. 6.	ROWAN, FREDERICK JOHN	{ 121 West Regent Street, Glasgow.	
		{ [Barnacles, Glasgow.]	
1886 Apr. 6.	ROWLING, FREDERICK HENRY	{ Sydney St., New Farm, Brisbane,	
		{ Queensland.	
1888 Dec. 4.	ROY, NORMAN WILLIAM	{ D. Campbell, Kwala Lumpor, viá	
		{ Singapore, S.S.	
1884 Feb. 5.	ROYLE, HENRY	Longford Bridge, Stretford, Meht.	
1889 Apr. 2.	ROZARIO, LOUIS CHARLES DO, A.K.C.	Ry., Manila, Philippine Islands.	
1889 Mar. 5.	RUMBALL, ARTHUR BRUNEL	8 Union Ct. Chams., Old Broad St.,	
1881 Dec. 6.	RUMSBY, ERNEST JAMES	P.W.D., Kamptee, C.P., India. [E.C.	
1887 Dec. 6.	RUMSEY, HERBERT	Begg, Dunlop & Co., Calcutta.	
1879 Feb. 4.	RUNEBERG, ROBERT	Litenijprosp. 57, St. Petersburg. [bia.	
1887 Apr. 5.	RUSSELL, ARTHUR JAMES	Señor Restrepo, Honda, U.S. Colom-	
1885 Jan. 13.	RUSSELL, STUART ARTHUR	66 Claremont Rd., Forest Gate, E.	
1876 Feb. 1.	RUSSELL, WILLIAM	9 Victoria Street, S.W.	
1886 Apr. 6.	RUTTER, HENRY FILLMER	W. Middlesex W'wks., Hammers'th.	
1889 Mar. 5.	RYGATE, PHILIP WILLIAM, M.A., B.E.	{ Conservation of Water, Mines Dept.,	
		{ Sydney, N.S.W.	
1869 Feb. 2.	SACRÉ, ALFRED LOUIS	60 Queen Victoria Street, E.C. [1668.]	
1861 Apr. 9.	SADASEWJEE, HURRYCHUND	G. I. P. Ry., Bombay.	

Date of Election.	ASSOCIATE MEMBERS.	
1868 Jan. 14.	SADASEWJEE, JAGANNATH	Waterworks, Baroda, India.
1889 Feb. 5.	SADLER, HENRY	95 Greenway Rd., Runcorn, Cheshire.
1877 Dec. 4.	SADLER, RALPH	W. Watson & Co., Bombay.
1881 May 31.	ST. CLAIR, <i>Hon.</i> LOCKHART MATTHEW	Grindlay & Co., Bombay.
1889 Apr. 2.	SALMON, ARTHUR	Wallasey Local Board, Egremont.
1889 Dec. 3.	SALMOND, DAVID CUNNINGHAM ..	32 St. Mary St., Cardiff.
1891 May 5.	SALTER, ARTHUR JOSEPH	Tuam Ry., Claremorris, co. Mayo.
1890 Jan. 14.	SALTMARSH, LIONEL	P.O. Box 12, Barberton, Transvaal.
1890 May 6.	SALWEY, EDWARD RICHARD	Waterloo Lodge, Clifton, Bristol.
1891 Feb. 3.	SAMPLE, JOHN THOMAS HORNSBY ..	P.W.D., Hong Kong.
1888 Dec. 4.	SAMPSON, JOHN	110 Westminster Bridge Road, S.E.
1882 Dec. 5.	SAMUELSON, ERNEST	Banbury.
1866 Dec. 4.	SANDBERG, CHRISTER PETER	19 Great George Street, S.W.
1888 Feb. 7.	SANDEMAN, EDWARD	Municipal Offices, Blackburn.
1891 Feb. 3.	SANDERS, EVELYN FRANCIS, B.E. ..	{ Bengal-Nagpur Ry., Kosenpali, C.P., India.
1890 Dec. 2.	SANER, JOHN ARTHUR	Weaver Navigation, Northwich.
1887 May 3.	SANFORD, HENRY WILLIAM	{ 13 Dents Rd., Wandsworth Common, S.W.
1889 Feb. 5.	SANT, WILLIAM ELONI	Govt. Rys. Kingston, Jamaica.
1885 May 19.	SARTORIS, LEONARD	A 1 The Albany, Piccadilly, W.[dos.
1881 Jan. 11.	SAUBERGUE, ARTHUR DE	WaterSupplyCo., Bridgetown, Barba-
1890 Dec. 2.	{ SAUNDERS, FREDERICK WALTER } { THEODORE }	{ Gt. Southern Ry., Koorooman, Vic- toria.
1880 May 25.	SAUNDERS, HENRY JOHN	Shenton & Co., Perth, W. Australia.
1886 Jan. 12.	SAVAGE, HUGH	84 Rue Cockerill, Seraing, Belgium.
1882 Feb. 7.	SAVICH, DR. ESTEVAO	
1889 Dec. 3.	SAVOURS, WILLIAM MATHEW	21 Edward Terrace, Cardiff.
1887 Mar. 1.	SAXBY, JAMES	Creil, Oise, France.
1876 Feb. 1.	SAXTON, HENRY WARING	New Plymouth, New Zealand.
1875 May 4.	SAYER, SAMUEL	Miss Formby, Frindsbury, Rochester.
1884 Apr. 1.	SCHIED, HENRIQUE	F. C. Central, Cascadura, Brazil.
1887 Apr. 5.	SCHINAS, GIORGIO CONSTANTINO, D. Sc.	Waterworks, Malta.
1866 Jan. 9.	SCHNEIDER, HENRI	Le Creusot, France.
1890 May 6.	{ SCHNEIDER, WILLIAM MARSLAND } { FRANCIS, M.A. }	38 Stanhope Gardens, S.W.
1891 Mar. 3.	SCHOFIELD, GEORGE ANDREW	24 Calle Arturo Prat, Santiago, Chili.
1889 Feb. 5.	SCHOLEFIELD, ERNEST EDWARD ..	7 Gledhow Gardens, S.W. [Bury.
1887 May 3.	SCHOLES, EDWARD HORATIO	19 Belle Vue Ter., Manchester Rd.,
1886 May 4.	SCHÖNBERG, ALEXANDER CHARLES ..	{ 35 Parliament Street, S.W. [Quay- age, London.]
1888 May 1.	SCHURR, ALBERT EBENEZER	Harold Hill House, near Romford.
1889 Feb. 5.	SCHUSTERSCHITZ, FRANCISCO	Belem, Para, Brazil.
1878 May 28.	SCLAVERANI, MICHELANGELO	{ Società Nazionale delle Officine, Savigliano, Italy.
1880 Dec. 7.	SCOBIE, MACKAY JOHN	Sir C. Forbes & Co., Bombay.
1889 May 21.	SCORGIE, NORMAN	Boro' Surveyor's Office, Leicester.
1883 Mar. 6.	SCOTLAND, JOHN PARRY	Grindlay & Co., Calcutta.
1890 Apr. 1.	SCOTT, ADAM	{ City Eng.'s Office, Newcastle-on- Tyne. [India.
1877 Dec. 4.	SCOTT, CECIL	Local Fund Engineer, Masulipatam,
1882 Mar. 7.	SCOTT, DONALD ALBERT	Beaconsfield Ho., Hingham, Norfolk.
1883 Dec. 4.	SCOTT, FRANK WALTER	Woodcliffe Ho., Burgess Hill, N.W.
1890 Jan. 14.	SCOTT, F. WALTER, Junr.	{ 44 Christian Street, E. [Thirty- four, London. 4390.]
1880 May 25.	SCOTT, HUGH HAMILTON	Town Hall, Hove, Brighton.
1886 Dec. 7.	SCOTT, JESSE FRENCH	206 Stanstead Rd., Forest Hill, S.E.
1888 Jan. 10.	SCOTT, ROBERT JULIAN	Canterbury College, Christchurch.
1887 Apr. 5.	SCOTT, WILLIAM ARCHIBALD	11 Alexandra Rd., Southport. [N.Z.
1884 Dec. 2.	SCRATCHLEY, HERBERT ARTHUR ..	V. Prax & Co., Philippeville, Algeria,
1878 Apr. 2.	SCRIVEN, CHARLES WALTER	125 Queen's Park Rd., Brighton.
1876 Feb. 1.	SCRIVEN, WILLIAM HENRY	East Indian Ry., Calcutta.
1888 Feb. 7.	SEARIGHT, GEORGE SAMUEL, B.E. ..	Public Works, Kiltimagh, co. Mayo.

Date of Election.	ASSOCIATE MEMBERS.				
1874 Mar. 3.	SEARLE, JOHN COOMBE	..	..	..	87 Devonport Rd., Shepherd's Bush.
1881 Jan. 11.	SEATON, EDWARD PARKE	..	..	..	22 Campden Grove, W.
1882 Feb. 7.	SEATON, WALTER DOUGLAS	..	..	..	77 Tredegar Road, Bow, E.
1887 Dec. 6.	SEATON, WILLIAM SHARPEY	..	..	..	35 George St., Hanover Sq., W.
1889 Dec. 3.	SEGUNDO, EDWARD CARSTENSEN DE	..	..	..	7 Victoria Street, S.W.
1886 Mar. 2.	{ SELLON, STEPHEN PRESCOTT WHITE D'ALTE .. .. . }	..	..	..	4 Marlborough Rd., Putney, S.W.
1882 Feb. 7.	SELLS, CHARLES DE GRAVE	..	..	..	Cornigliano, Liguria, Italy.
1887 May 24.	SELMAN, DAVID CODRINGTON, Wh. Sc.	..	..	..	University College, Bristol.
1889 Feb. 5.	SENGOKU, MITSUGU, B. Sc.	..	..	..	Railway Dept., Tokio, Japan. [E.C.
1884 May 27.	SENNETT, ALFRED RICHARD	..	..	..	Temple Chambers, Embankment,
1875 May 4.	SERRA, JOÃO DUARTE LISBOA	..	..	..	{ P. E. Villamil, Banco Español del Rio de la Plata, Buenos Ayres.
1880 Jan. 13.	SEWELL, HENRY DE QUINCY	..	..	..	Port Arthur, Ontario, Canada.
1880 Dec. 7.	SGOUTA, LUKE GEORGE	..	..	..	Athens.
1886 Apr. 6.	SHACKLEFORD, ARTHUR LEWIS	..	..	..	223 Bristol Rd., Birmingham.
1882 Apr. 4.	SHAND, JAMES TILLEY	..	..	..	75 Upper Ground St., S.E.
1887 Dec. 6.	SHARP, ARCHIBALD, Wh. Sc., B.Sc.	..	..	..	2 Ravenscroft Rd., Acton Green, W.
1880 May 4.	SHARP, FREDERICK	..	..	..	P. W. Secretariat, Rangoon, Burma.
1879 Feb. 4.	SHARP, WILLIAM	..	..	..	Invercargill, New Zealand.
1887 Apr. 5.	SHARPE, ROBERT	..	..	..	44 Granville Ter., The Plains, Belfast.
1885 May 19.	SHAW, EDWARD, Wh. Sc.	..	..	..	{ Canon's Marsh, Bristol. [Trans- mitter, Bristol.]
1890 Dec. 2.	SHAW, FREDERICK GEORGE	..	..	..	{ Junior Travellers' Club, St. James's Square, S.W.
1886 Jan. 12.	SHAW, GEORGE HERBERT, Wh. Sc.	..	..	..	Easton & Anderson, Erith, Kent.
1890 Apr. 1.	SHAW, HERBERT	..	..	..	Town Hall, Todmorden.
1888 Dec. 4.	SHAW, JAMES JOSEPH	..	..	..	Dr. Shaw, Geelong, Victoria.
1886 Feb. 2.	SHAW, JOHN HOWARD	..	..	..	Knockaloe, West Bournemouth.
1879 Feb. 4.	SHAW, SAM	..	..	..	Dewsbury.
1877 Apr. 10.	SHAW, WILLIAM EDWARDS	..	..	..	Albrighton, near Wolverhampton.
1879 Feb. 4.	SHAW, GEORGE AUGUSTUS GRANT	..	..	..	King, Hamilton & Co., Calcutta.
1885 Dec. 1.	SHEARD, CHARLIE KILNER	..	..	..	{ Supt. Eng., N.W. Coast, Burnie, Tasmania.
1882 Dec. 5.	SHEARS, JAMES CHARLES	..	..	..	7 Uxbridge Road, Surbiton. [S.W.
1881 Apr. 5.	SHEARS, WILLIAM, Jun.	..	..	..	Bridport, Kempshott Rd., Streatham,
1885 Dec. 1.	SHEDLOCK, OCTAVIUS JAMES	..	..	..	Mu Valley Ry., Sagaing, Upper
1889 Dec. 3.	SHEFFIELD, ROBERT STONEY	..	..	..	Stanhope House, Woolwich. [Burma.
1876 Dec. 5.	SHEIBNER, CHARLES PRELLER, Ph. D.	..	..	..	9 Charles St., Grosvenor Square, W.
1888 Feb. 7.	SHELDON, FRANK	..	..	..	Wells, Somerset.
1887 Dec. 6.	SHELDON, PERCY JOHN	..	..	..	Malmsbury House, South Woodford.
1879 Feb. 4.	SHELDRIK, JAMES THOMAS	..	..	..	3 Lesney Park Rd., Erith, Kent.
1882 Dec. 5.	SHELLSHEAR, WALTER	..	..	..	Dist. Eng., Redfern, Sydney, N.S.W.
1883 Jan. 9.	SHEPPARD, FREDERICK CHARLES	..	..	..	{ Wilson, Jaffey & Co., 72 Bishops- gate St. Within, E.C.
1883 Feb. 6.	SHEPPARD, HERBERT GURNEY	..	..	..	Girgeh Ry., Assiout, Upper Egypt.
1888 Feb. 7.	SHERLOCK, HENRY ALEXANDER GEORGE	..	..	..	{ G. E. Ry., Bishopsgate Passenger Station, E.
1883 Jan. 9.	SHERMAN, CHARLES BELLI BIVAR	..	..	..	P.W.D., Quilon, Travancore.
1885 Dec. 1.	SHIELD, ARTHUR HINDHAUGH	..	..	..	35A Great George Street, S.W.
1877 Apr. 10.	SHONE, ISAAC	..	..	..	Great George St. Chambers, S.W.
1883 May 1.	SHORT, FRANCIS JOB	..	..	..	Wollaston, Stourbridge.
1877 May 1.	SHORTT, CHARLES HENRY	..	..	..	4 Westcombe Hill, Blackheath, S.E.
1884 Dec. 2.	SHUTTLEWORTH, FRANK HENRY	..	..	..	Local Bd., Littleboro', nr. Mehtr.
1887 Dec. 6.	SIBBERING, GEORGE THOMAS	..	..	..	1 Claude Rd., Roath, Cardiff.
1889 Dec. 3.	SIDEBOTHAM, JAMES NASMYTH	..	..	..	Parkfield, Altrincham, Cheshire.
1887 Feb. 1.	SILCOCK, EDWARD JOHN	..	..	..	Boro' Surveyor, King's Lynn.
1888 Apr. 10.	SILK, ALBERT EDWARD	..	..	..	King, Hamilton & Co., Calcutta.
1891 Apr. 7.	SILLEM, WILLIAM	..	..	..	194 Cromwell Road, S.W.
1884 Jan. 8.	SILVERTHORNE, ARTHUR	..	..	..	1 Victoria Street, S.W.
1880 Feb. 3.	SIM, CHARLES LOUIS	..	..	..	O. & R. Ry., Roorkee, N.W.P., India.
1879 Mar. 4.	SIMEON, LIONEL BARRINGTON	..	..	..	Naini Tal., N.W.P., India.
1891 May 5.	SIMPKINS, WILLIAM, B.Sc.	..	..	..	14 Livingstone Place, Edinburgh.

Date of Election.		ASSOCIATE MEMBERS.			
1889 Jan.	8.	SIMPSON, ARTHUR JOHN	..	..	Apartado 688, Mexico City.
1889 Dec.	3.	SIMPSON, AUGUSTUS JOHN	..	..	Taltal Railway, Chili.
1888 Feb.	7.	SIMPSON, CHARLES LIDDELL	..	..	{ 101 Grosvenor Road, S.W. [Screwcock, London.]
1882 May	2.	SIMPSON, DAVID CARNEJY	..	..	Ry. Dept., Sydney, N.S.W.
1890 Dec.	2.	SIMPSON, EDWARD MARSH	..	..	Correo Casilla 796, Buenos Ayres.
1879 Dec.	2.	SIMPSON, FRED	..	..	Casilla 144, G.P.O., Buenos Ayres.
1889 Jan.	8.	SIMPSON, HENRY EDWIN	..	..	14 Wallbutton Rd., Brockley Rise,
1891 Mar.	3.	SIMPSON, MATTHEW HENRY	..	..	Queen Street, Lancaster. [S.E.]
1891 Apr.	7.	SIMPSON, WILLIAM HENRY	..	..	26 Friar Lane, Leicester.
1887 Mar.	1.	SIMPSON, DAVID	..	..	Transandino Ry., Argentine Republic.
1888 Dec.	4.	SKELTON, ROBERT, A.K.C.	..	..	Municipality, Colombo, Ceylon.
1879 May	27.	SKILLITER, THOMAS ANTON	..	..	Peover, Knutsford.
1876 Dec.	5.	SLADE, FREDERICK	..	..	Beckford, Tewkesbury. [Australia.]
1883 Dec.	4.	SLADE, WALTER EDWARD	..	..	Eng.-in-Chief's Office, Adelaide, So.
1861 Dec.	3.	SLAGG, CHARLES	..	..	27 Hereford Rd., Leominster.
1891 Apr.	7.	SLATER, ARTHUR WILLIAM	..	..	10 Lansdowne Pl., Blackheath, S.E.
1877 Mar.	6.	SMALL, JAMES MILN	..	..	Urquhart & Co., 11 Victoria Street,
1885 May	5.	SMALLMAN, HENRY FRANCIS	..	..	Multan, Punjab, India. [S.W.]
1884 Dec.	2.	SMART, EDGAR	..	..	Box 830, Johannesburg, Transvaal.
1881 May	3.	SMART, ORTON GASTRELL	..	..	P.W.D., Shillong, Assam.
1885 Mar.	3.	SMEDLEY, GEORGE BOLEYNE	..	..	Gasworks, Buxton.
1886 Feb.	2.	SMELT, JOHN DANN	..	..	{ Argentine Gt. Western Ry. Co., 4 Finsbury Circus, E.C.
1886 Dec.	7.	SMILES, FREDERICK HENRY	..	..	{ J.T. Maxwell, 15 Woodburn Terrace, Edinburgh.
1889 Dec.	3.	SMITH, ALBERT CASSON	..	..	Town Hall, So. Melbourne, Victoria.
1882 Mar.	7.	SMITH, ARTHUR KEEN	..	..	Westons, Castlenau, Barnes.
1876 May	30.	SMITH, ARTHUR TOULMIN	..	..	{ Ludwig & Smith, Miasnitzkaia St., Moscow.
1888 Feb.	7.	SMITH, BASIL EUSTACE	..	..	Central Uruguay Ry., Monte Video.
1891 May	5.	SMITH, BERTRAM ROBERT, A.K.C.	..	..	{ Central Ry., Rosario de Santa Fé, Argentine Republic.
1885 Feb.	3.	SMITH, CECIL ARCHIBALD	..	..	Binney & Co., Madras.
1890 May	6.	SMITH, CHARLES MITFORD	..	..	P.W.D., Dowleshwaram, Madras.
1885 Jan.	13.	SMITH, CHARLES WALTER	..	..	{ Victorian Water Supply, Melbourne, Victoria.
1887 Feb.	1.	SMITH, CYRIL	..	..	Cartago, Costa Rica.
1889 May	7.	SMITH, EDWARD MARTIN	..	..	L.&N.W.Ry., Vauxhall, Birmingham.
1886 Dec.	7.	SMITH, FRANK MARTIN	..	..
1877 Dec.	4.	SMITH, GUY	..	..	19 Walbrook, E.C. [cock, London.]
1884 Dec.	2.	SMITH, HENRY	..	..	101 Grosvenor Road, S.W. [Screw-
1879 May	27.	SMITH, HENRY ROBERT	..	..	Portsmouth W.-Works Co., Southsea.
1881 Dec.	6.	SMITH, HERBERT BLOMFIELD	..	..	W.Highland Ry., Helensburgh, N.B.
1885 Dec.	1.	SMITH, JAMES CAMPBELL	..	..	Boro. Surveyor, Bury St. Edmunds.
1891 May	5.	SMITH, JOHN, Wh.Sc.	..	..	Royal Eng. Offi., Newcastle-on-Tyne.
1876 Jan.	11.	SMITH, JOHN HUME	..	..	Springfield Ho., Adlington, Lancs.
1891 Feb.	3.	SMITH, RICHARD WILLIAM	..	..	Supt. of Public Works, Pahang, S.S.
1883 May	29.	SMITH, ROBERT	..	..	New Wortley Gasworks, Leeds.
1881 May	3.	SMITH, Prof. ROBERT HENRY, Wh.Sc.	..	..	124 Hagley Road, Birmingham.
1889 Apr.	2.	SMITH, ROGER THOMAS, B.Sc.	..	..	N.W.P. Club, Allahabad, India.
1879 Dec.	2.	SMITH, THOMAS	..	..	P.W.D., Batticaloa, Ceylon.
1888 Feb.	7.	SMITH, THOMAS READER	..	..	8 Katharine Street, Croydon.
1891 Apr.	7.	SMITH, THOMAS RHYS	..	..	59 Liberty Street, New York, U.S.
1874 Apr.	14.	SMITH, URBAN ARMSTRONG	..	..	28 Victoria Street, S.W.
1881 May	31.	SMITH, WALTER	..	..	Sidhnai Canal, Multan, Punjab.
1885 Dec.	1.	SMITH, WALTER ALEXANDER	..	..	{ Roads & Bridges Dept., North Sydney N.S.W.
1891 Feb.	3.	SMITH, WILLIAM	..	..	Sewerage Branch, P.W.D., Sydney,
1891 Jan.	13.	SMITH, WILLIAM CHARLES CLIFFORD	..	..	Maudslay Sons & Field, E. Green-
1886 May	4.	SMITH, WILLIAM CHARLES ERNEST	..	..	Lombardy Rys., Lodi, Italy. [wich.
1883 Dec.	4.	SMITH, WILLIAM JOSEPH HOWARD	..	..	City Surveyor, Carlisle.
1890 Dec.	2.	SMITH-SAVILLE, ROBERT WILLIAM	..	..	Municipal Offices, Burton-on-Trent.

Date of Election.	ASSOCIATE MEMBERS.				
1868 May 19.	SMYTHIES, JOHN PALMER	..	..	..	The Tye, Great Bentley.
1890 Jan. 14.	SNELL, ALBION THOMAS	..	..	..	{ Brightside, Salusbury Rd., Brondesbury Pk., N.W.
1887 Apr. 5.	SNELL, HARRY	..	..	..	Stanwell Rd., Penarth, Cardiff.
1884 May 27.	SNELL, HENRY DE MORGAN	..	..	..	53 New Broad St., E.C.
1881 Dec. 6.	SOLLY, HUBERT LE GAY	..	..	..	Bells, Wimborne.
1883 Feb. 6.	SOLOMON, MAURICE	..	..	..	75 Holland Road, W. [W.C.
1887 May 24.	SORABJEE, SHAPURJEE	..	..	..	Ransome & Co., 10 Essex St., Strand,
1882 Feb. 7.	SORABJI, Khan Bahadur Dr. BOMANJI,	..	..	..	State Eng., Rajpipla, Nandod, India.
1881 May 31.	SOTO, PEDRO NOLASCO DE	..	..	..	Ferro Carril de Zafra, Huelva, Spain.
1872 Dec. 3.	SOUTHAM, ARTHUR	..	..	..	60 Old Town, Clapham, S.W.
1883 Apr. 3.	SOUTTER, PETER WILLIAM	..	..	..	Port Commr.'s Office, Calcutta.
1885 May 19.	SOUZA, AYRES POMPEO CARVALHO DE	..	..	..	144 Rua Rezende, Rio de Janeiro.
1849 May 1.	SOWERBY, WILLIAM	..	..	..	39 Hereford Rd., Acton.
1876 Dec. 5.	SPARKES, CHARLES HENRY	..	..	..	143 High St., Guildford.
1890 Mar. 4.	SPENCER, CHARLES TALLENT	..	..	..	37 Old Jewry, E.C.
1884 Dec. 2.	SPENCER, FRANCIS WAKEFIELD	..	..	..	G.W. Ry., Eng.'s Off., Newport, Mon.
1890 Dec. 2.	SPENCER, HENRY BATH	..	..	..	{ 25 Brundrett's Rd., Chorlton-cum-Hardy, Manchester.
1875 Feb. 2.	SPENCER, HERBERT GEORGE HAMMOND	..	..	..	Elm Bank, St. Saviour's, Jersey.
1876 May 30.	SPENCER, JOHN PHILIP	..	..	..	Tynemouth.
1880 Apr. 6.	SPIELMAN, ISIDORE	..	..	..	3 Westbourne Crescent, Hyde Pk., W.
1861 Mar. 5.	SPIERS, JOSEPH	..	..	..	17 Victoria Street, S.W.
1877 Dec. 4.	SPINDLER, HENRY LEWIS	..	..	..	Port Elizabeth, C. C.
1883 Jan. 9.	SPIKES, WILLIAM	..	..	..	17 Eastnor St., Old Trafford, Man-
1882 May 23.	SPOONER, CHARLES EDWIN, B.E.	..	..	..	Bron-y-Garth, Portmadoc. [chester.
1885 Jan. 13.	SPOONER, HENRY JOHN	..	..	..	309 Regent Street, W.
1886 Jan. 12.	STABLES, EDWARD	..	..	..	9 Station Rd., South Norwood, S.E.
1883 Dec. 4.	STAFFORD, JOHN EDWARD	..	..	..	{ Swindlehurst Ho., Briercliffe Rd., Burnley. [Hanover Sq., W.
1888 Feb. 7.	STALLIBRASS, EDWARD	..	..	..	W. S. Seaton, 35 George St.,
1890 Jan. 14.	STANFORD, WALTER JOHN, B.E.	..	..	..	{ Silati River Co., c.o. Oceana Co., Pretoria, Transvaal.
1878 Feb. 5.	STANGER, GEORGE HURST	..	..	..	North Street, Wolverhampton.
1879 Feb. 4.	STANLEY, JOSEPH BIRD	..	..	..	Harbours & Rivers Dept., Brisbane.
1890 Feb. 4.	STANLEY, WILLIAM HENRY	..	..	..	Sumnercroft, Trowbridge, Wilts.
1880 Dec. 7.	STANNARD, ARTHUR	..	..	..	25 Nevorn Square, Earl's Court, S.W.
1885 Dec. 1.	STANNARD, HARRY LAURIE	..	..	..	{ 94 Victoria Street, S.W. [Sphericity, London.]
1886 Dec. 7.	STANSFELD, ALFRED WOLRYCHE	..	..	..	32 Newmarket St., Skipton-in-Craven.
1880 Dec. 7.	STANSFIELD-BRUN, JOHN	..	..	..	Town Hall, Bradford-on-Avon.
1888 May 1.	STATTER, JOHN GRICE	..	..	..	Alliance Eng. Works, West Drayton.
1883 May 29.	STEPHEN, JAMES BROWN	..	..	..	{ 14 Keppel Street, Russell Square, W.C.
1882 Mar. 7.	STEPHEN, KENT HUME	..	..	..	E. I. Ry., Buxar, Bengal. [U.S.
1882 Dec. 5.	STEPHENS, EDWARD FELIX	..	..	..	Room 9, 31 Chambers St., N. York.
1886 Dec. 7.	STEPHENS, FREDERICK ORLANDO	..	..	..	H. S. King & Co., 45 Pall Mall, S.W.
1881 Jan. 11.	STEPHENS, GEORGE HENRY	..	..	..	Exeter Lodge, Clifton, Bristol.
1888 Dec. 4.	STEPHENSON, EDMUND PALEY	..	..	..	Commissioners' Office, Llandudno.
1887 May 3.	{ STEPHENSON, JOSEPH GURDON LEX- CESTER .. .. . }	..	..	..	{ 6 Drapers Gds., E. C., [Fluvius, London.]
1886 Feb. 2.	STERLING, WILLIAM, Jun.	..	..	..	{ 29 Mansfield Chambers, St. Ann's Square, Manchester.
1871 Dec. 5.	STEVENS, FREDERICK WILLIAM, C.I.E.	..	..	..	J. Griffiths, School of Art, Bombay.
1885 May 5.	STEVENS, PERCIVAL	..	..	..	P.W.D., Trinidad, West Indies.
1869 Jan. 12.	STEVENS, WARWICK	..	..	..	237 Southwark Bridge Rd., S.E.
1874 Apr. 14.	STEVENSON, JOHN	..	..	..	Barrow-in-Furness.
1881 Mar. 1.	STEVENSON, SIDNEY EVANCE	..	..	..	61 Mackay St., Montreal, Canada.
1890 May 20.	STEWART, ALEXANDER	..	..	..	Agencia de Tharsis, Huelva, Spain.
1883 Apr. 3.	STEWART, CHARLES EDWARD	..	..	..	{ Hill & Co., 42 Frederick St., Edinburgh.
1891 Apr. 7.	STEWART, CHARLES EDWARD	..	..	..	{ London County Council, Spring Gardens, S.W.

Date of
Election.

ASSOCIATE MEMBERS.

1883 Feb. 6.	STEWART, THOMAS	6 St. George's Chams., Cape Town, C.C.
1889 Jan. 8.	STICKLAND, ERNEST ALBERT	Boro' Surveyor's Office, Newbury.
1890 Dec. 2.	STILWELL, ARTHUR WILLIAM	{ Roads & Bridges Dept., Sydney, N.S.W.
1891 May 5.	STOCKMAN, BENJAMIN	2 Torrington Pk. Vils., No. Finchley.
1872 Dec. 3.	STOCKWELL, JOHN ALFRED	The Retreat Villas, Catford, S.E.
1878 Feb. 5.	STOESS, CHARLES ANTHONY	New Westminster, British Columbia.
1885 Dec. 1.	STOKES, FREDERICK WILFRID SCOTT	13 Holland St., Kensington, W.
1859 Dec. 6.	STOKES, JAMES FOLLIOTT	7 Storey's Gate, Westminster, S.W.
1889 Jan. 8.	STOKOE, EDWARD RICHMOND	Kwala Lumpor, Selangore, S.S.
1886 Apr. 6.	STONE, FRANK HOLMES	{ Boxholder, G. P. O., Kingston, Jamaica.
1882 Dec. 5.	STONE, THOMAS WILLIAM	189 Goldhawk Rd., Shepherd's Bush,
1886 Apr. 6.	STONE, EDWARD AUGUSTUS	Burdwan, Bengal. [W.]
1873 Mar. 4.	STOOKE, THOMAS SULLOCK	31 St. John's Hill, Shrewsbury.
1886 May 18.	STOREY, WILLIAM JOHN PATRICKSON	Darwen Iron Co., Mostyn, Flints.
1888 Dec. 4.	STOTHERT, PERCY KENDALL	Audley, Park Gardens, Bath.
1886 Jan. 12.	STRACHAN, GEORGE RICHARDSON ..	54 Byrne Rd., Balham, S.W.
1874 Feb. 3.	STRACHAN, JOHN	29 The Walk, Cardiff.
1888 May 15.	STRAIN, JOHN LOUDON	Court House Chambers, Buxton.
1879 Feb. 4.	STRAKER, CHARLES EDMUND, M.A. ..	High Warden, Hexham.
1889 Dec. 3.	STRANGE, ALEXANDER BURROUGHS ..	Madras Ry., Arkonam, India.
1883 May 29.	STRANGE, WILLIAM LUMSDEN	c.o. King, King & Co., Bombay.
1885 Dec. 1.	STRAPP, WALTER	Claremont Rd., Surbiton.
1890 May 6.	STRINGFELLOW, WILLIAM	Municipal Offices, Cheltenham.
1885 Dec. 1.	{ STROMEYER, JOHANN PHILIP EDMUND CHARLES }	2 White Lion Court, Cornhill, E.C.
1883 Feb. 6.	STRONGE, CHARLES	F. C. Porto Alegre, São Leopoldo,
1869 Feb. 2.	STRONGITHARM, AUGUSTUS HORACE ..	Barrow-in-Furness. [Brazil.]
1891 Feb. 3.	STRUTT, CHARLES ARTHUR	268 Reconquista, Buenos Ayres.
1882 May 23.	STUART, Prof. JAMES, M.A., LL.D., M.P.	24 Grosvenor Road, S.W.
1886 Dec. 7.	STUART, JOHN PERCY	Fairview, Hampstead, N.W.
1885 Apr. 14.	STUBBS, JOHN PEMBERTON	43 Wroughton Rd., Balham, S.W.
1883 Dec. 4.	STUBBS, WILLIAM	Boro' Surveyor, Over Darwen.
1890 Dec. 2.	SUAREZ PEDRO	{ Director de Caminos, Santa Cruz, Bolivia.
1890 Jan. 14.	SUART, JOHN HODGSON	30 Great George Street, S.W.
1891 Jan. 13.	SUGGATE, FREDERICK CHENERY	9 Elysium Terrace, Northampton.
1882 Mar. 7.	SUMMERS, THOMAS	King, King & Co., Bombay.
1883 Jan. 9.	SUMMERSCALE, ALFRED	City Surveyor's Office, Carlisle.
1882 Jan. 10.	SUMNER, HERBERT GEORGE	Riddiford & Co., King St., Glo'ster.
1883 May 1.	{ SUTCLIFFE, FREDERIC JOHN RAMS- BOTTOM }	Low Moor, Yorks.
1877 Dec. 4.	SUTCLIFFE, GEORGE WILLIAM, Wh. Sc.	Aire and Calder Navigation, Goole.
1886 Dec. 7.	SUTTON, JOSEPH WALKER	Ferry Works, Thames Ditton.
1885 Mar. 3.	SWAINSON, JOHN HENRY	59 Hope Street, Wrexham.
1885 Apr. 14.	SWAN, ARCHIBALD ALEXANDER, B. Sc.	Singapore, S.S.
1883 Dec. 4.	SWARBRICK, JOSEPH	44 Brazennose Street, Manchester.
1886 Dec. 7.	SWINDLEHURST, JOSEPH EAVES	Boro' Engineer, Burton-on-Trent.
1889 May 21.	SWINEY, JOHN HARRIS HAZLETT, B.E.	83 Royal Avenue, Belfast.
1884 Feb. 5.	SWINNERTON, ROBERT ALLEN WILLIAM	P.W.D., Ellichpur, Berar, India.
1890 Jan. 14.	SWINTON, ALAN ARCHIBALD CAMPBELL	66 Victoria Street, S.W.
1888 Dec. 4.	SYKES, CLEMENT MORISCRIE	Kutch Mandvi, Kutch, India.
1888 Jan. 10.	SYKES, EDWARD	Local Board, Cheadle, Manchester.
1890 Mar. 4.	SYNGE, ROBERT ANTHONY, B.A. ING.	{ Nicolls & Donne, 736 Casilla de Correo, Buenos Ayres.
1888 Dec. 4.	SYSON, ROBERT COCKBURN	Tanjore, India.
1888 Apr. 10.	SZLUMPER, WILLIAM WEEKS	10 Victoria Street, S.W.
1877 Dec. 4.	TAIT, JAMES	{ Mu Valley Ry., Sagaing, Upper Burma.
1887 Dec. 6.	TAITE, JOHN CHARLES	The Corner House, Shortlands, Kent.

Date of Election.		ASSOCIATE MEMBERS.			
1881	Dec. 6.	TALMAN, JAMES JOHN	..	..	{ 12 Delahay St., Westminster, S.W. [Persuasion, London.] [3065.]
1890	Dec. 2.	TANABE, SAKURO, M.E.	..	..	{ Engineering Coll., Imp. University, Tokio, Japan.
1868	Dec. 1	TANCRED, Sir THOMAS SELBY, <i>Bart.</i>	..	..	46 Inverness Terrace, W.
1868	Dec. 5.	TANDY, JOHN O'BRIEN	..	..	4 Wellington Vils., Wellington Sq.,
1886	Dec. 7.	TAPLAY, HERMAN	..	..	Gasworks, Stoke-on-Trent. [Crawo.]
1886	Apr. 6.	TAPSCOTT, ROBERT LETHBRIDGE	..	..	62 Croxteth Road, Liverpool.
1887	Jan. 11.	TATE, WALTER HOWARD	..	..	Thaiping, Perak, S.S.
1883	Feb. 6.	TAYLOR, CECIL	..	..	H. S. King & Co., 65 Cornhill, E.C.
1885	Feb. 3.	TAYLOR, CHARLES	..	..	{ Friars Field Villas, Derby. [Taylor, Gas, Derby.] [age, London.]
1887	Apr. 5.	TAYLOR, GOTTFRED MIDGLEY	..	..	27 Great George Street, S.W. [Water-
1887	May 3.	TAYLOR, GUY NOBLE	..	..	Nizam's Ry., Secunderabad, India.
1887	Dec. 6.	TAYLOR, HAROLD BLAKE, F.C.H.	..	..	Under Secy. to Govt., Calcutta.
1885	May 19.	TAYLOR, HENRY	..	..	Local Board, Clevedon, Somerset.
1880	Mar. 2.	TAYLOR, JAMES NAAMAN	..	..	Eng.'s Off., G. W. Ry., Taunton.
1880	Dec. 7.	TAYLOR, JOHN HENRY	..	..	Borough Surveyor's Off., Barnsley.
1886	Apr. 6.	TAYLOR, ROBERT CHARLES	..	..	St. James's Gate Brewery, Dublin.
1886	Jan. 12.	TAYLOR, ROBERT HENRY	..	..	18 Abingdon St., Westminster, S.W.
1886	Apr. 6.	TAYLOR, WALTER	..	..	Ship Canal, Irlam, Manchester.
1866	Dec. 4.	TAYLOR, WILLIAM BROUNGER	..	..	Coonoor, Coombe Pk., Weston, Bath.
1889	May 7.	TAYLOR, WILLIAM JAMES	..	..	1 Rose Road, Southampton.
1879	Apr. 1.	TEASDEL, JAMES EDWIN	..	..	3 Queen St., Great Yarmouth.
1886	Feb. 2.	TEMPEST, PERCY CROSLAND	..	..	S. E. Ry., 9 St. Thomas's St., S.E.
1891	May 5.	TEMPLER, CHARLIE LIONEL	..	..	7 Claremont Ter., Long Ditton, Surrey.
1886	May 18.	{ TEMPLETON, EDWIN ARTHUR SLADE, M.A. .. .. . }	..	..	42 Boscombe Rd., Shepherd's Bush, W.
1879	Mar. 4.	TERRY, STEPHEN HARDING	..	..	Stafford Ho., Hednesford, Staffs.
1888	Dec. 4.	THOMAS, ARTHUR DREW	..	..	{ Lesear, Romer & Co., La Guaira, Venezuela.
1881	Feb. 1.	THOMAS, CHARLES HENRY	..	..	{ B. & M. Ry., 1 Queen's Bldgs., Newport, Mon.
1881	May 31.	THOMAS, CHARLES NEUMANN	..	..	Surveyor General's Off., Cape Town.
1891	Apr. 7.	THOMAS, ELIJAH, <i>Ch. Eng.</i> R.N.	..	..	{ H.M.S. "Tourmaline," West Indian Station.
1886	Dec. 7.	THOMAS, FRANCIS SALES, A.K.C.	..	..	Warkworth Harbour, Acklington.
1877	May 29.	THOMAS, HERBERT OLIVER	..	..	Town Hall, Woolwich.
1880	May 4.	THOMAS, JAMES DONNITHORNE	..	..	{ 25A Old Broad St., E.C. [Kooringa, London.]
1890	Dec. 2.	THOMAS, JOHN	..	..	14 Park Road, Swansea.
1860	May 22.	THOMAS, JOSEPH LEE	..	..	2 Hanover Ter., Ladbroke Sq., W.
1883	Dec. 4.	THOMAS, PHILIP ALEXANDER	..	..	{ 35 Queen Victoria St., E.C. [Argu- ment, London.]
1889	Dec. 3.	THOMAS, ROBERT JOHN	..	..	Co. Surveyor's Office, Aylesbury.
1889	Dec. 3.	THOMAS, THOMAS JAMES	..	..	Town Surveyor, Ebbw Vale, Mon.
1891	Mar. 3.	THOMAS, TREVOR FALCONER	..	..	Exchange Buildings, Cardiff.
1876	Dec. 5.	THOMAS, WALTER	..	..	Borough Eng., Town Hall, Dover.
1889	May 7.	THOMAS, WILLIAM	..	..	Pen-Elvan, Camborne, Cornwall.
1887	Jan. 11.	THOMAS, WILLIAM EDMOND CLASON	..	..	Cringallt, Neath, South Wales.
1887	Dec. 6.	THOMLINSON, JOHN HUTTON	..	..	Gasworks, Brisbane, Queensland.
1883	May 29.	THOMPSON, ALBERT GEORGE	..	..	Roden Villa, Bognor.
1888	Feb. 7.	THOMPSON, GEORGE FREDERICK	..	..	Bellary-Kistna S. Ry., Guntakal, Ind.
1886	Feb. 2.	THOMPSON, GEORGE WILLIAM	..	..	36 Wood Vale, Forest Hill, S.E.
1886	May 18.	THOMPSON, HARRY JAMES, A.K.C.	..	..	Madras Ry. Co., Madras.
1880	Dec. 7.	THOMPSON, HENRY GEORGE	..	..	27 Great George Street, S.W.
1891	Mar. 3.	THOMPSON, JAMES, B.E.	..	..	{ 17 Council St., Clifton Hill, Mel- bourne, Victoria.
1883	Feb. 6.	THOMPSON, JOHN AUGUSTUS	..	..	12 London St., Fenchurch St., E.C.
1881	Apr. 5.	THOMPSON, JOHN CAMPBELL	..	..	Perth Ho., Anlaby Road, Hull.
1888	May 15.	THOMPSON, WILLIAM	..	..	Charters Towers, North Queensland.
1886	Dec. 7.	{ THOMPSON, WILLIAM MANN, M.A., B.E. .. .. . }	..	..	{ 4 Vickery's Chambers, Pitt St, Sydney, N.S.W.

Date of
Election.

ASSOCIATE MEMBERS.

1889 Mar. 5.	THOMSON, ARTHUR SACKVILLE	King, Hamilton & Co., Calcutta.
1884 May 27.	{ THOMSON, <i>Prof.</i> ARTHUR WATSON, } D. Sc.	College of Science, Poona, Bombay.
1891 May 5.	THOMSON, MICHAEL NICHOLSON	Matheson & Co., 3 Lombard St., E.C.
1889 Jan. 8.	THOMSON, JAMES	5 North Charlotte St., Edinburgh.
1871 Apr. 4.	THOMSON, JOHN	1 Bellevue Rd., Clevedon.
1885 Feb. 3.	THOMSON, MAX CHRISTIAN	
1861 Feb. 5.	THORMAN, EDWARD HENRY	Resident Eng., West Ham Gasworks, E.
1876 May 30.	THORNE, ALFRED	143 Cannon Street, E.C.
1879 Dec. 4.	THORNHILL, JOHN	P.W.D., Shahjahanpur, India.
1882 Apr. 1.	THORNTON, HAWTHORN ROBERT	L. & Y. Ry., Horwich. [mingham.
1882 Mar. 7.	THORPE, BENJAMIN KELLY	9 Speedwell Rd., Edgbaston, Bir-
1886 Apr. 6.	THORPE, ROBERT HENRY	{ American Elevator Co., 4 Q. Vict. St., E.C. [Lyndentree, London.]
1890 Jan. 14.	THORPE, WILLIAM HENRY	121 Kedleston Rd., Derby.
1891 Mar. 3.	THORROLD, STEPHEN ELGAR	Redditch, Worcestershire.
1889 Feb. 5.	THRUPP, EDGAR CHARLES, A.K.C.	13 Victoria Street, S.W.
1879 May 6.	THUEY, ALEXANDER	9 Bridge Street, Westminster, S.W.
1883 Mar. 6.	THURSBY, CHARLES RADCLIFFE	F. Thursby, 34 Essex St., Strand, W.C.
1880 Dec. 7.	THWAITE, BENJAMIN HOWARTH	17 Pendrell Road, Brockley, S.E.
1889 Dec. 3.	TICKELL, GEORGE TEMPLER	H. S. King & Co., 65 Cornhill, E.C.
1890 Dec. 2.	TICKELL, RICHARD EUSTACE	The Lypriatts, Cheltenham.
1887 Dec. 6.	TIDDEMAN, EDMUND SPENSER	1 Barwick Road, Forest Gate, E.
1867 Dec. 3.	TIJOU, WILLIAM	38 Orchard Rd., Highgate, N.
1869 Dec. 7.	TIMINS, HENRY CHARLES ANDERSON	Pebble Hill Ho., Limpsfield, Surrey.
1889 Apr. 2.	TIMMINS, ARTHUR	Bridgegwater Foundry, Runcorn.
1889 Dec. 3.	TIMMINS, JOSEPH	Gas Works, Wigan.
1890 May 20.	TIMONOFF, <i>Prof.</i> VSEVOLOD DE	{ Ministère des Voies de Communica- tion, St. Petersburg.
1877 Apr. 10.	TINGLE, HENRY JOHN	7 Gt. Queen St., Westminster, S.W.
1877 Dec. 4.	TINNEY, WILLIAM UPTON	West Hill, Winchester.
1875 Mar. 2.	TINTORER GIBERGA, JOSÉ	Asalto 12, Barcelona, Spain.
1889 Feb. 5.	TIPPETT, GEORGE FREDERICK	East London, Cape Colony.
1884 May 6.	TISDALL, CHARLES JEROME, B.A.	c.o. Agent, G. I. P. Ry., Bombay.
1887 Jan. 11.	TIVOLI, JOSEPH WILLIAM DE	Dibrugarh, Assam, India.
1880 Mar. 2.	TODD, AUGUSTUS BYTHESEA	P. W.D., Duggirala, Madras.
1890 May 20.	TODD, WILLIAM HENRY	Land of Green Ginger, Hull.
1861 May 7.	TOLER, JOHN MORTON	Saltersford Hall, Holmes Chapel.
1889 Jan. 8.	TOMALIN, HERBERT FREDERICK	P.W.D., Colombo, Ceylon.
1872 Dec. 3.	TOMKINS, HENRY	27 Grove Rd., St. John's Wood, N.W.
1890 Apr. 1.	TOMKINS, WILLIAM HENRY	Duncombe Lodge, Forest Hill, S.E.
1885 Apr. 14.	TOMLINSON, SAM	Municipal Offices, Bombay.
1881 May 31.	TONGE, JAMES	Hulton Pk. Colliery, Bolton-le-Moors.
1881 May 31.	TONKIN, WALTER WILLIAM	221 Brixton Road, S.W.
1890 Feb. 4.	TOOZS, ROBERT WILLIAM LYONS	H. S. King & Co., 65 Cornhill, E.C.
1885 Dec. 1.	TOPHAM, FRANCIS DAVID	King, King, & Co., Bombay.
1873 Dec. 2.	TOPPIS, FREDERICK	129 Fellows Rd., S. Hampstead, N.W.
1878 Feb. 5.	TORRENS, GERARD PHILIP	145 Cromwell Road, S.W.
1890 Dec. 2.	TOUCHON, AUGUSTE	14 Caixa do Correio, Rio de Janeiro.
1880 Mar. 2.	{ TOWNSEND, CHARLES JOHN HENRY } FYLER	St. Michael's Vicarage, Covent Garden, W.C.
1875 Jan. 12.	TOWNSEND, FRANCIS EDWARD	19 Glen Rd., Nether Edge, Sheffield.
1885 Jan. 13.	TOWNSEND, HARRY	Gasworks, Cosside, Plymouth.
1884 Dec. 2.	TOWNSHEND, BERNARD O'DRISCOLL	72 Durnford St., Stonehouse, Devon.
1884 Apr. 1.	TRAILL, WILLIAM ACHESON	Portrush, co. Antrim.
1890 Apr. 1.	TREGLOWN, CHARLES HOCKIN	{ 38 Wretham Rd., Handsworth, B'ham. [S.E.]
1886 Jan. 12.	TRENCH, GILBERT KENNEDY	11 Townley Park Vils., Dulwich Rise,
1887 Dec. 6.	TRERY, CHARLES ALFRED	{ North Western Ry., Bahia Blanca, Argentine Republic.
1883 Dec. 4.	TREVITHICK, ROBERT LOUTHIAN	Byculla Club, Bombay.
1891 Feb. 3.	TREWHELLA, CHARLES ROBERT, A.K.C.	Catania, Sicily.
1881 May 31.	TRIER, FRANK HENRY JULIUS	19 Great George Street, S.W.

Date of Election.		ASSOCIATE MEMBERS.	
1883 Mar. 6.	TROTTER, ALEXANDER PELHAM, B.A.	28 Victoria Street, S.W.	
1871 Dec. 5.	TRUMAN, ARTHUR SMITH	Aguilas, Murcia, Spain.	
1883 Dec. 4.	TRUMP, JOHN	Taiping, Perak, S.S.	
1883 Dec. 4.	TUCK, EDMUND HENRY, F.C.H. ..		
1890 Dec. 2.	TUCKEY, THOMAS WILLIAM TOWNSEND	China Ry., Tientsin, N. China. [E.C.	
1882 Feb. 7.	TUFNELL, CARLETON FOWELL	Crompton & Co., Mansion Ho. Bldgs.,	
1884 May 27.	TUFVESSON, THEODOR	Porto Alegre, Rio Grande do Sul,	
1885 Dec. 1.	TUIT, JAMES EDWARD	32 Victoria St., S.W. [Brazil.	
1881 Dec. 6.	TULLOCH, FREDERICK HERBERT ..	Hume Hermanos, Buenos Ayres.	
1880 Mar. 2.	TULLY, THOMAS	{Eckersley, Godfrey & Liddelow,	
		{ Grande Maison Mélas, Athens.	
1878 May 28.	TUNSTALL, JOHN	141 Lordship Rd., Stoke Newington, N.	
1890 Dec. 2.	TURNBULL, NICHOLAS KING, Wh. Sc.	{365 Calle Aduana, Rosario de Santa	
		{ Fé, Argentine Republic.	
1869 Mar. 2.	TURNER, FRANK	Bracondale, Ontario, Canada.	
1873 May 20.	TURNER, FRANK DE MIERRE	Oporto, Portugal.	
1884 Dec. 2.	TURNER, JOHN HARRISON	34 Belleville Rd., Wandsworth, S.W.	
1885 Dec. 1.	TURNER, JOHN HENRY TUDSBURY ..	3 Cook St., Liverpool.	
1876 May 30.	TURNER, ROBERT CHARLES	Waldeck Avenue, Bedford. [Brazil.	
1875 Mar. 2.	TWEEDIE, WILLIAM	Porto Alegre Ry., Rio Grande do Sul,	
1890 May 6.	TWEEN, CHARLES NELSON	Hillside, Widford, Ware, Herts.	
1891 Jan. 13.	TWINBROW, JOHN WULSTAN	172 York Road, King's Cross, N.	
1877 May 1.	TYLOR, JOSEPH JOHN	2 Newgate St., E.C.	
1888 Feb. 7.	TYLOR, LOUIS EDWARD	6 Northcote Rd., Clifton, Bristol.	
1890 May 6.	TYNDALE, WALTER CLIFFORD	7 Victoria Street, S.W.	
1884 Dec. 2.	TYNDALL, THOMAS HARMAN	Grindlay & Co., Calcutta.	
1880 Dec. 7.	TYSOE, JOSEPH	Ardavon, Westcombe Park Rd., S.E.	
1890 May 6.	TYZACK, DAVID	71 Westgate Rd., Newcastle-on-Tyne.	
1877 Feb. 6.	UHAGON, RECAREDO DE	Valenzuela 4, Madrid.	
1870 Dec. 6.	UNWIN, HERBERT	Brincliffe House, Sheffield.	
1872 Feb. 6.	USILL, GEORGE WILLIAM	12 Spencer Rd., St. John's Hill, S.W.	
1884 Dec. 2.	VACHILL, THEODORE	34 Bridge Street, Newport, Mon.	
1879 Mar. 4.	VACHER, HERBERT PERKINS	Vulcan Ironworks, Winchester.	
1889 Jan. 8.	VALENTINE, DAVID WILLIAM TRAIL	P.W.D., Quilon, Travancore, India.	
1875 May 4.	VALON, WILLIAM ANDREW MCINTOSH	Connaught Mans., Victoria St., S.W.	
1858 Dec. 7.	VARLEY, SAMUEL ALFRED	Arrow Wks., Jackson Rd., Holloway, N.	
1880 Feb. 3.	VAUDREY, JOHN CLOUGH	Grassdale, Westfield Rd., Edgbaston.	
1890 Feb. 4.	VEASEY, THOMAS FREDERICK	Bridge House, Huntingdon.	
1882 Dec. 5.	VEDIA, EMILIO MITRE-Y-	Buenos Ayres.	
1874 Dec. 1.	VEEVERS, HARRISON	The Lakes, Dukinfield.	
1891 Jan. 13.	VENNING, EDWARD	P.W.D., Colombo, Ceylon.	
1878 Apr. 2.	VENTRIS, ARTHUR	49 Seymour St., Portman Square, W.	
1888 May 1.	VERDON, ARTHUR LAURENCE RIDLEY	{Sir George Verdon, K.C.M.G., Col-	
		{ lins St., Melbourne, Victoria.	
1879 Feb. 4.	VERNON, HERBERT CHARLES ERSKINE	Harefield Park, Uxbridge.	
1873 May 6.	VERNON, THOMAS	164 Westbourne Terrace, W.	
1889 Jan. 8.	VERSCHOYLE, BERESFORD	{F. C. Rosario, Reconquista 195,	
		{ Buenos Ayres.	
1886 Apr. 6.	VESEY, ARTHUR HENRY	12 Draycott Pl., Sloane Sq., S.W.	
1891 Mar. 3.	VESIAN, JOHN STUART ELLIS DE ..	{5 Crown Court, Cheapside, E.C.	
		{ [Biceps, London.]	
1891 Apr. 7.	VICARS, JAMES, B.E.	Palace St., Ashtfield, N.S.W.	
1887 May 3.	VICKERY, SAMUEL KINGSTON	Inspecting Surveyor, Ararat, Vict.	
1887 Dec. 6.	VILLIERS, JOSIAS EDWARD DE	Box 287, Johannesburg, Transvaal.	
1877 Dec. 4.	VINT, GEORGE EDWARD	{Commercial Bank Buildings, Brad-	
		{ ford, Yorkshire.	
1886 Jan. 12.	VINTER, WALTER FREDERICK, B.A. ..	Glenville, Walton-on-Thames.	
1887 May 3.	VISVESVARAIYA, MOKSHAGUNDAM, B.A.	P.W.D., Dhulia, via Bombay.	
1868 Dec. 1.	VIVIAN, HENRY ANDREW	Ferro Carril de Coquimbo, Chili.	

Date of Election.	ASSOCIATE MEMBERS.	
1880 Apr. 6.	VIVIAN, WALTER MORRISON	Dist. Eng., Vellore, Madras.
1887 Jan. 11.	VOGAN, HAROLD SEBASTIAN	{ 4 Tara Ter., Wallis St., Woollahra, Sydney, N.S.W.
1882 Dec. 5.	VOYSEY, HENRY WESLEY	1 Fordwych Rd., Brondesbury, N.W.
1887 Dec. 6.	WACKRILL, ALFRED EDWARD	Surv.-Gen.'s Off., Colombo, Ceylon.
1888 Feb. 7.	WADDELL, GEORGE	P.W.D., Colombo, Ceylon.
1883 Feb. 6.	{ WADDELL, JOHN ALEXANDER LOW, Ma. E.	Keith & Perry Building, Kansas City, Mo., U.S.
1890 Dec. 2.	WADDELL, WILLIAM	1 Romilly Terrace, Barry, Cardiff
1883 Dec. 4.	WADDINGTON, RICHARD	{ Glenthorne, Hawke Rd, Upper Norwood.
1888 Feb. 7.	WADDINGTON, SAMUEL SUGDEN	56 West Hill, Sydenham, S.E.
1880 Apr. 6.	WADE, GEORGE	Caversham House, Brixton Hill, S.W.
1889 Dec. 3.	WADE, LESLIE AUGUSTUS BURTON	{ Water Conservation Branch, Mines Dept., Sydney, N.S.W.
1891 Feb. 3.	{ WADHAM, WALTER FRANCIS AINSLIE, M.A.	Millwood, Dalton-in-Furness.
1873 Dec. 2.	{ WADIA, NOWROSJEE NESSERWANJEE, C.I.E.	Chinchpowgly, Parel Rd., Bombay.
1888 Jan. 10.	WAILES, GEORGE HERBERT	St. Andrew's, Watford. [Trent.
1891 May 5.	WAIN, EDWARD BROWNFIELD	Norton-in-the-Moors, Stoke-on-
1882 May 23.	WAKEFIELD, HENRY TYNDALL	{ London County Council, Spring Gardens, S.W.
1883 Dec. 4.	WAKELAM, HENRY TITUS	Public Offs., Grassendale, Liverpool.
1888 Apr. 10.	WALDRON, FRANK WILLIAM	Harbour Works, East London, C.C.
1888 Dec. 4.	WALKER, ALEXANDER	Arauco Co., Coronel, Chili.
1890 Mar. 4.	WALKER, ALEXANDER THOMSON	Waterworks, Reading. [N.W.
1888 Dec. 4.	WALKER, CHARLES LESLIE	48 Abbey Gardens, St. John's Wood,
1877 May 29.	WALKER, CHARLES ROBERT	15 Great George Street, S.W.
1889 May 7.	WALKER, GEORGE BLAKE	Tankersley Grange, nr. Barnsley.
1887 Jan. 11.	WALKER, GEORGE POWELL	117 Eldon St., Greenock, N.B.
1884 Dec. 2.	WALKER, HERBERT	Newcastle Chams., Nottingham.
1879 Dec. 2.	WALKER, ROBERT	17 South Mall, Cork.
1885 Dec. 1.	WALKER, SYDNEY FERRIS	195 Severn Road, Cardiff.
1889 Dec. 3.	WALKER, WILLIAM	Strahan, Tasmania.
1875 Dec. 7.	WALKER, ZACCHEUS, Jun.	Fox Hollies Hall, nr. Birmingham.
1879 May 27.	WALLACE, ALEXANDER	Kilminning, Crail, N.B.
1881 Dec. 6.	WALLACE, JAMES	Delhi, U. Kalka Ry., Delhi, Punjab.
1890 Dec. 2.	WALLACE, JAMES DOUGLAS	18 Burnt Ash Hill, Lee, S.E.
1880 Dec. 7.	WALLACE, JOHN HENRY	Cliffdale, Weenan County, Natal.
1882 May 23.	WALLACE, LAWRENCE AUBREY	J. Jackson, 11 and 12 Clements Lane,
1882 Mar. 7.	WALLER, JOHN EDWARD	11 Great George Street, S.W. [E.C.
1884 May 27.	WALLINGTON, JAMES	Rua do Ouvidor 139, Rio de Janeiro.
1882 May 23.	WALLIS, BERESFORD GAHAN	{ Ex. Eng., Amballa Cantonment, Pun- jab. [Victoria.
1879 Feb. 4.	WALLNUTT, RICHARD	Borough Surveyor, Kew, Melbourne,
1883 Feb. 6.	WALROND, THEODORE CH. TROUBRIDGE	11 Rockley Road, Kensington, W.
1885 Feb. 3.	WALSH, CHARLES ARROWSMITH	E'tern Bengal S. Ry., Saidpur, India.
1880 Feb. 3.	WALSH, FREDERICK	The Hotel, Rossbeigh, co. Kerry.
1886 Mar. 2.	WALTERS, HARRY ERNEST	2 Great George Street, S.W.
1885 Dec. 1.	WANKLYN, FREDERIC LUMB	Grand Trunk Ry., Montreal, Canada.
1889 May 7.	WARD, EDWARD THOMPSON	Brookfield House, Northwich.
1883 Mar. 6.	WARD, HENRY	110 Cannon Street, E.C.
1876 May 2.	WARD, HENRY THOMAS SIMPSON	Hambantota, Ceylon. [field.
1888 May 1.	WARD, JOHN	Boro' Surv. Off., Bower Spring, Shef-
1888 Dec. 4.	WARD, THOMAS HENRY	Ainlea Ho., Alexandra Rd., Crosby,
1885 Dec. 1.	WARD, THOMAS RAWDON	P.W.D., Colombo, Ceylon. [Liverp'l.
1884 Mar. 4.	WARD, WILLIAM PETTIT	N. E. Ry., Newport, Middlesbrough.
1887 Dec. 6.	WARDE, CHARLES PARRY	P.W.D., Hazaribagh, Bengal.
1877 Dec. 4.	WARDLE, JAMES WILLIAM	Borough Engineer, Longton.
1887 Dec. 6.	WARE, GEORGE WEBB	Bengal-Nagpur Ry., Jeroikola, India.

Date of Election.		ASSOCIATE MEMBERS.	
1888 Feb. 7.	WARNEFORD, REGINALD HENRY WM.	King, King & Co., Bombay.	
1888 Dec. 4.	WARNER, WILLIAM	Hope Drive, The Park, Nottingham.	
1890 Dec. 2.	WARRACK, ROBERT	Portland, Oregon, U.S.	
1887 Jan. 11.	WARREN, HENRY BUCKLER	City Eng., Vancouver, B. Columbia.	
1886 May 4.	WARREN, JOHN ALEXANDER	115 Wellington Street, Glasgow.	
1885 May 19.	WARREN, WILLIAM	313 Winchester House, E.C.	
1842 May 3.	WARRINER, HENRY	6 The Grove, Clapham Road, S.W.	
1887 Dec. 6.	WASEY, GEORGE KINDERSLEY	W. I. P. Ry., Mormugão, Goa, India.	
1888 Jan. 10.	WATANABE, KAICHI, B.Sc. . . .	{ 13 Omote - Sanhome, Akasaka, Tokio, Japan.	
1890 Mar. 4.	WATERS, HORACE REGINALD, B.E. ..	Kilpatrick, Monasterevan, co. Kildare.	
1885 Apr. 14.	WATKEYS, GEORGE	Goring Road, Llanelly. [S.S.]	
1889 Mar. 5.	WATKINS, ALEXANDER JAMES WILLIAM	Govt. Ry., Kwa Lumpur, Selangore,	
1883 May 29.	WATKINS, RICHARD	260 Cleveland St., Sydney, N.S.W.	
1875 Dec. 7.	WATKINS, STEPHEN	{ Prince's Chambers, Prince's Square, Wolverhampton.	
1879 Mar. 4.	WATSON, CHARLES JAMES KNIGHT ..	King, Hamilton & Co., Calcutta.	
1891 Feb. 3.	WATSON, CLAUD ROBERT	2 Old Palace Yard, Westminster, S.W.	
1889 Dec. 3.	WATSON, FREDERICK HOWARD, B.A.	24 Winchester Road, N.W.	
1886 May 18.	WATSON, JOHN DUNCAN	County Buildings, Aberdeen.	
1890 Dec. 2.	WATSON, WILLIAM, B.E.	Govt. Ry., Tamsui, Formosa.	
1878 Feb. 5.	WATTS, GEORGE KEMPTHORNE	Watson & Co., 27 Leadenhall St., E.C.	
1877 May 29.	WATTS, NICHOLAS	Bank Buildings, Bristol.	
1888 Dec. 4.	WEARING, WILLIAM	15 Bank Parade, Preston.	
1891 Apr. 7.	WEAVER, EDWARD	Club da Engenharia, Rio de Janeiro.	
1882 Dec. 5.	WEAVER, HENRY EDWARD	Club da Engenharia, Rio de Janeiro.	
1878 Jan. 15.	WEAVER, WILLIAM	The Limes, Holland Pk. Gds., W.	
1877 May 29.	WEBB, GEORGE WINN	Société des Tramways, Bucarest.	
1886 Dec. 7.	WEBB, RICHARD GEORGE	{ Richardson & Cruddas, Byculla, Bombay.	
1887 May 3.	WEBSTER, CHARLES, Wh. Sc.	26 Annandale Rd., Chiswick, W.	
1890 Apr. 1.	WEBSTER, GEORGE JOHNSTON	{ A. M. P. Society's Building, Cathed- ral Square, Christchurch, N.Z.	
1890 Dec. 2.	WEBSTER, JAMES PHILIP	Ry. Dept., Bridge St., Sydney, N.S.W.	
1875 Apr. 6.	WEBSTER, JOHN	{ A. M. P. Society's Buildings, Cathed- ral Square, Christchurch, N.Z.	
1883 Mar. 6.	WEEKS, THOMAS SAMUEL	Wrighton, Torquay.	
1886 Feb. 2.	WEIGHT, GEORGE PEACOCK	37 Old Jewry, E.C.	
1888 Dec. 4.	WEIGHTMAN, WALTER JAMES	P.W.D., Shelabagh, Beluchistan.	
1885 May 19.	WEINSCHENCK, GUILHERME BENJAMIN	Caixa 27, Santos, Brazil.	
1884 Feb. 5.	WEIR, THOMAS DUNCAN	F. C. Central, Caracas, Venezuela.	
1878 May 7.	WEISS, HUBERT AUGUST OTTO	12 Lansdowne Rd., Old Charlton.	
1880 May 4.	WELCH, ERNEST FREDERICK	Chargrove Lawn, Cheltenham.	
1886 Jan. 12.	WELCH, JAMES WILLIAM	City Surv.'s Off., Manchester. [W.]	
1890 Dec. 2.	WELDON, HERBERT NICOL	12 Stanley Gds., Kensington Park,	
1885 Feb. 3.	WELLER, HARRY WRAY	{ Sprague Electric Ry., 16 Broad St., New York, U.S.	
1888 May 1.	WELLS, WILLIAM SEYMOUR	Road and Bridges Dept., Newcastle,	
1879 Feb. 4.	WELLSTED, WILLIAM HENRY	Kingston-upon-Hull. [N.S.W.]	
1883 Apr. 3.	WELTON, WILLIAM SHAKSPEARE	Duncan Bros., 2 Victoria Mansions,	
1875 Dec. 7.	WEST, THOMAS EDWARD	Union Street, Oldham. [S.W.]	
1881 May 3.	WESTERN, MAXIMILIAN RICHARD ..	{ Bombay-Burma Trading Corpora- tion, Bangkok, Siam.	
1877 Apr. 10.	WESTHOFEN, WILHELM		
1887 May 24.	WESTON, HARRY JACOB	8 Portswood Ter., Bevois Hill, South-	
1886 Apr. 6.	WHALE, GEORGE	L. & N. W. Ry., Crewe. [ampton.]	
1886 Dec. 7.	WHATELY, RICHARD	Bombay, Baroda & C. I. Ry., India.	
1883 Feb. 6.	WHEELER, GEORGE ROBERT WELBY ..	Town Hall, Westminster, S.W.	
1885 May 5.	WHELDON, JOHN HENRY	94 Victoria Street, S.W.	
1885 May 19.	WHITFIELD, JOHN HENRY RICHARD	Cavendish Rd., Sutton, Surrey.	
1882 Dec. 5.	WHITAKER, WILLIAM BUTLER	3,636 Calle Rivadavia, Buenos Ayres.	
1879 Dec. 2.	WHITCOMBE, CHARLES PALMER ..	S. Mahratta Ry., Hubli, India.	
1881 Feb. 1.	WHITE, ALFRED EDWARD	Boro' Eng's Off., Town Hall, Hull.	

Date of
Election.

ASSOCIATE MEMBERS.

1884 Jan. 8.	WHITE, ALFRED GEORGE	Sundheim & Doetsch, Huelva, Spain.
1878 Feb. 5.	WHITE, EDWIN JAMES	Lambert & Sons, Short St., Lambeth,
1887 Mar. 1.	WHITE, GEORGE	The Farm, Mexborough. [S.E.]
1883 May 1.	WHITE, GEORGE GILBERT	King, King & Co., Bombay.
1890 May 6.	WHITE, LAWRENCE FLETCHER	Grace Bros. & Co., Lima, Peru.
1887 Mar. 1.	WHITE, THOMAS CHARLES HUTCHINSON	Jansa Waterworks, Thana, Bombay.
1882 Dec. 5.	WHITEHOUSE, GEORGE	4 Leigham Street, Plymouth.
1885 Dec. 1.	WHITELEY, JOHN JOSEPH	Binny & Co., Madras.
1874 May 5.	WHITLEY, HENRY MICHELL	11 Victoria Street, S.W.
1880 Mar. 2.	WHITMORE, LAWRENCE HERSEE	23 Bucklersbury, E.C.
1865 Feb. 7.	WHITWORTH, WILLIAM STANLEY	Barrow-in-Furness. [Trent.]
1890 May 6.	WHYTEHEAD, HUGH EDWARD	No. Staffs. Tramways Co., Stoke-on-
1886 Jan. 12.	WIBORG, JULIUS	Baklandet, Thronhjelm, Norway.
1869 May 4.	WICKENDEN, ALFRED AUTHORN	{ 9 The Terrace, Farquhar Rd., Upper Norwood.
1884 Dec. 2.	WIGAN, LEONARD	Lark Navigation, Mildenhall.
1887 May 3.	WILD, ARTHUR EDWIN, Wh. Sc.	8 Park Road North, Acton, W.
1876 Mar. 7.	WILD, JOSEPH HENRY	4 Carlton Ter., Stoke Rd., Plymouth.
1883 Dec. 4.	WILDE, FRANCIS SAMUEL	King, Hamilton & Co., Calcutta.
1888 Feb. 7.	WILKINSON, EDWARD	Asst. City Surv., Melbourne, Victoria.
1885 Feb. 3.	WILKINSON, HENRY WALL	4 Hartfield Rd., Eastbourne. [chester.]
1887 Feb. 1.	WILKINSON, JAMES PICKLES	Assheton Rd., Newton Heath, Man-
1879 Dec. 2.	WILKINSON, ROBERT ALFRED	A. E. Shaw, C. Stat., Buenos Ayres.
1890 Apr. 1.	WILKINSON, WILLIAM FISCHER	Peterborough House, Harrow.
1883 Feb. 6.	WILLCOX, JOSEPH EDWARD	118 Colmore Row, Birmingham.
1881 Apr. 5.	WILLIAMS, CLAUDE ST. MAUR	1 Peterboro Road, Harrow.
1889 May 7.	WILLIAMS, ERNEST	{ P.O. Box 563, Johannesburg, Trans- vaal.
1886 Feb. 2.	WILLIAMS, GILBERT PERCY	18 Great George Street, S.W.
1889 May 7.	WILLIAMS, HENRY MORTON	W. Drake, Burwood, Sydney, N.S.W.
1875 May 4.	WILLIAMS, HUGH	163 Edge Lane, Liverpool.
1881 Feb. 1.	WILLIAMS, JOHN HENRY	9 Halford Rd., Richmond, Surrey.
1885 Dec. 1.	{ WILLIAMS, MORGAN J. MANDERST- JERNA, M.A.	39 Victoria Street, S.W.
1870 May 24.	WILLIAMS, RICHARD HARRIS	Cuddra, St. Austell, Cornwall.
1887 Dec. 6.	WILLIAMS, ROBERT	4 Queen's Gardens, Aberdeen.
1882 Feb. 7.	WILLIAMS, THOMAS HENRY	W. C. Spurr, 69 Finsbury Pavement,
1890 Dec. 2.	WILLIAMS, WILLIAM HUGH	L. & N. W. Ry., Watford, [E.C.]
1871 Dec. 5.	WILLIAMS, WILLIAM WALTON	{ Las Trojes, Maravatio, Michoacan, Mexico.
1890 Jan. 14.	WILLIAMSON, ARTHUR	Ship Canal Office, Manchester.
1888 Mar. 6.	{ WILLIAMSON, JOHN RICHARD HUT- CHINSON	15 Pitt Street, Sydney, N.S.W.
1886 May 18.	WILLINK, WILHEM	1 Copthall Avenue, E.C.
1890 Apr. 1.	WILLIS, HARRY ATCHISON	{ F. C. Central, Cordoba, Argentine Republic.
1878 May 28.	WILLIS, ROBERT HENRY	39 Grafton St., Fitzroy Square, W.
1889 May 7.	WILLIS, WALTER, A.K.C.	77 Brondesbury Vils., Kilburn, N.W.
1870 Jan. 11.	WILLMAN, CHARLES	Burlington Ho., Coatham, Redcar.
1886 Apr. 6.	WILLMOTT, SAMUEL GRAHAM	Stanley Vil., Clarendon Rd., Redland,
1888 Jan. 10.	WILLOX, WILLIAM, M.A.	Ry., Manila, Philippine Isles. [Bristol.]
1876 May 30.	WILMOT, CLEMENT HEATHERLY	Caixa 954, Rio de Janeiro.
1884 May 6.	WILSON, ALEXANDER, M.E.	{ 128 Church Hill Rd., Handsworth, Birmingham.
1891 Mar. 3.	WILSON, ALEXANDER	P.W.D., Melbourne, Victoria.
1869 Dec. 7.	WILSON, ALEXANDER FAIRLIE	Burnbrae, Balfour, N.B.
1879 Feb. 4.	WILSON, ARTHUR HENRY	54 Pulteney Street, Bath. [W.]
1889 Apr. 2.	WILSON, ARTHUR PRANGLEY	Henrietta Mansions, Cavendish Sq.,
1874 Feb. 3.	WILSON, CHARLES GEORGE	New Oriental Bk., Yokohama, Japan.
1886 Apr. 6.	WILSON, GEORGE	13 Victoria Street, S.W.
1879 Mar. 4.	WILSON, JAMES	Cairo, Egypt.
1889 Mar. 5.	WILSON, JAMES FREDERIC	{ Haslemere, Hurstbourne Rd., Forest Hill, S.E.

Date of Election.		ASSOCIATE MEMBERS.	
1887 Dec. 6.	6.	WILSON, JOHN ALEXANDER, Jun.	.. P.W.D., Westport, N.Z.
1877 Feb. 6.	6.	WILSON, JOSEPH WILLIAM, Jun.	.. South Tower, Crystal Palace, S.E.
1888 Jan. 10.	10.	WILSON, MAURICE .. .. .	.. South Tower, Crystal Palace, S.E.
1884 Feb. 5.	5.	WILSON, MAURICE FITZ-GERALD ..	..
1886 Dec. 7.	7.	WILSON, THOMAS BRIGHT .. ..	.. Derby Rd., Fallowfield, Manchester.
1876 Apr. 4.	4.	WILSON, THOMAS PERCEVAL .. ..	.. 7 Brechin Place, Kensington, S.W.
1891 Feb. 3.	3.	WILSON, WALTER .. .. .	.. { 6 Whitefriar Gate, Hull. [Whitefriars, Hull.]
1875 Mar. 2.	2.	WILTON, FRANCIS .. .. .	.. Carpenters Rd., Stratford, E.
1871 Dec. 5.	5.	WINCKLER, GEORGE WALTER .. ..	.. Cheviott St., Monks Road, Lincoln.
1891 Apr. 7.	7.	WINDER, THOMAS .. .. .	.. { Duke of Norfolk's Estate Office, Sheffield.
1873 May 20.	20.	WINDHAM, FRANCIS .. .. .	.. { Automatic Amusements Co., District Pier Wharf, Fulham, S.W.
1886 Feb. 2.	2.	WINDOW, EDMUND RICHARD .. ..	.. 16 Cook Street, Liverpool.
1881 Apr. 5.	5.	WINGFIELD, CHARLES HUMPHREY ..	.. Lingard House, Chiswick Mall, W.
1879 Feb. 4.	4.	WINSHIP, GEORGE .. .. .	.. Borough Surveyor, Abingdon.
1877 May 29.	29.	WINSTANLEY, GEORGE .. .. .	.. Gasworks, Coventry. [Gas, Coventry.]
1887 Feb. 1.	1.	WINSTANLEY, WILLIAM .. .. .	.. Gasworks, Newcastle-under-Lyne.
1885 Jan. 13.	13.	WISWALL, FRANCIS .. .. .	.. Stanley Villas, Runcorn, Cheshire.
1875 Dec. 7.	7.	WITTS, GEORGE BACKHOUSE .. ..	.. Hill Ho., Leekhampton, Cheltenham.
1889 Dec. 3.	3.	WOLFF, WILLIAM HENRY .. .. .	.. B. B. & C. I. Ry., Bombay.
1881 May 31.	31.	WOLLEY-DOD, FRANCIS, F.C.H. ...	.. King, King & Co., Bombay.
1888 Jan. 10.	10.	WOLSTENHOLME, JEREMIAH .. ..	.. Boro' Engineer, Blackpool.
1889 May 21.	21.	WOOD, ARTHUR PEPYS .. .. .	.. { 48 Norwich Chambers, Hunter St., Sydney, N.S.W.
1883 Feb. 6.	6.	WOOD, ARTHUR PRESCOTT .. .. .	.. Waterworks, Shanghai, China.
1879 May 6.	6.	WOOD, CHARLES .. .. .	.. P. W. Office, Dunedin, N.Z.
1884 Feb. 5.	5.	WOOD, JOHN MACKWORTH .. .. .	.. New River Off., Clerkenwell, E.C.
1887 Dec. 6.	6.	WOOD, WALTER GUNNELL .. .. .	.. P. W. D., Jhansi, N. W. P., India.
1884 Dec. 2.	2.	WOOD, WILLIAM .. .. .	.. 4 Wolfington Rd., W. Norwood, S.E.
1881 May 31.	31.	WOODS, JOHN .. .. .	.. 1 Fennel Street, Warrington.
1881 Dec. 6.	6.	WOODS, RICHARD JOHN, B.E., F.C.H.	.. H. S. King & Co., 45 Pall Mall, S.W.
1887 Dec. 6.	6.	WOODS, VINCENT SYDNEY .. .. .	.. 15 Carlyle Square, S.W.
1889 May 21.	21.	WOODSIDE, JOHN .. .. .	.. King, King & Co., Bombay.
1880 Jan. 13.	13.	WOOLCOCK, HENRY .. .. .	.. Rickerby Ho., St. Bees, Carnforth.
1882 Feb. 7.	7.	WORGER, DOUGLAS FITZGERALD ..	.. 68 Sumner St., S.E.
1886 Feb. 2.	2.	WORSDELL, WILSON .. .. .	.. N.E. Ry., Gateshead-on-Tyne.
1881 Feb. 1.	1.	WORTH, JOHN EDWARD .. .. .	.. Local Board, High Rd., Tottenham.
1889 Dec. 3.	3.	WORTH, REGINALD TURNER .. ..	.. Whisterfield, Siddington, Cheshire.
1885 May 19.	19.	WORTHINGTON, EDGAR, B.Sc. .. ..	.. 243 Upper Brook St., Manchester.
1889 Dec. 3.	3.	WORTLEY, SAMUEL SHARPE .. .. .	.. 10 Harbor St., Kingston, Jamaica.
1887 May 3.	3.	WREY, PHILIP BOURCHIER SHERARD	.. Tawstock Court, near Barnstaple.
1884 Feb. 5.	5.	WRIGHT, FREDERICK ADLARD .. ..	.. East Indian Ry., Aligarh, India.
1886 Dec. 7.	7.	WRIGHT, HAROLD .. .. .	.. East Indian Ry., Bankipore, India.
1888 Feb. 7.	7.	WRIGHT, JOHN JAMES .. .. .	.. 87 Hayter Road, Brixton, S.W.
1890 Feb. 4.	4.	WRIGHT, JOHN ROBERT MOSSE .. ..	.. Municipal Offices, Liverpool.
1883 Dec. 4.	4.	WRIGHT, LEWIS THOMPSON .. .. .	.. Calle Alsina 1169, Casilla 765, Buenos
1890 May 6.	6.	WYATT, HENRY HERBERT .. .. .	.. Gorey, co. Wexford. [Ayres.
1883 May 29.	29.	WYATT, JAMES WILLIAM, F.C.H. ..	.. St. Cuthbert's Mills, Wells, Somerset.
1878 May 7.	7.	WYBROW, GEORGE DIGBY .. .. .	.. Arbuthnot & Co., Madras.
1890 Jan. 14.	14.	WYLIE, GEORGE, F.C.H. .. .. .	.. P.W.D., Etawah, N.W.P., India.
1866 Feb. 6.	6.	WYNDHAM, HENRY .. .. .	.. 9 Victoria Street, S.W.
1861 Feb. 5.	5.	WYNNE, ALBERT AUGUSTUS .. .. .	.. 9 Victoria Street, S.W.
1871 Feb. 7.	7.	WYNNE, FRANCIS GEORGE .. .. .	.. 9 Victoria Street, S.W.
1887 Dec. 6.	6.	WYNNE, JOHN THOMAS .. .. .	.. Gasworks, W. Melbourne, Victoria.
1888 Feb. 7.	7.	WYNNE-EDWARDS, HUGH COPNER ..	.. { 168 Portland Road, Newcastle-on-Tyne.
1889 Dec. 3.	3.	WYNTER, GERALD MERRETT .. .. .	.. Apartado 155, Manila, Philippines.
1881 May 3.	3.	WYRILL, RALPH HENRY .. .. .	.. Guildhall, Swansea.
1890 Dec. 2.	2.	WYSE, ROBERT ANDERSON .. .. .	.. { F. W. Burrows, Oakleigh, Rondebosch, Cape Town, C. C.
1879 Mar. 4.	4.	YABBICOM, THOMAS HENRY .. .. .	.. 23 Oakfield Road, Clifton, Bristol.

Date of
Election.

ASSOCIATE MEMBERS.

1887 Feb. 1.	YATES, FRED SPENCER	..	..	..	City Surveyor's Office, York.
1884 Dec. 2.	YATES, OSWALD VAVASOUR	..	..	..	Wellbank, Sandbach, Cheshire.
1880 Dec. 7.	YOUNG, BARCLAY HUGHES	..	..	..	Nidadavol, Godavari Dist., Madras.
1891 May 12.	YOUNG, EVELYN HENRY	..	..	..	Godra Ry., Ruitam, Central India.
1889 Mar. 5.	YOUNG, HENRY WILLIAM	..	..	..	Greymouth, N.Z.
1882 Feb. 7.	YOUNG, JULES DENT	..	..	..	Day & Co., Spring Gardens, Bath.
1889 Mar. 5.	YOUNG, ROBERT AUSTIN	..	..	..	Westport, N.Z.
1889 May 21.	YOUNG, ROBERT GEORGE	..	..	..	County Asylum, Colney Hatch, N.
1882 Dec. 5.	YOUNGER, THOMAS BROWN	..	..	..	Gasworks, Georgetown, B. Guiana.
1871 Apr. 4.	YUILL, WILLIAM	..	..	..	Orient Line Office, Sydney, N.S.W.
1884 Mar. 4.	ZACHARIASEN, LARS SEVERIN	..	..	..	57 Charing Cross, S.W.
1890 Dec. 2.	ZANETTI, CESARE	..	..	..	22 Via dei Fiori, Turin, Italy.

Total number of Associate Members 3,019.

ASSOCIATES.

[Assoc. Inst. C.E.]

N.B. *Those elected prior to the 2nd of December, 1878, are entitled to the privileges of Corporate Membership, but not those subsequently elected.*

Date of Election.	ASSOCIATES.	
1861 May 28.	ABEL, CHARLES DENTON	{ 28 Southptn. Bds., Chancery La., W.C. [Patentable, London. 2729.]
1888 Apr. 10.	{ ACLAND, <i>Capt.</i> FRANCIS EDWARD DYKE, <i>late</i> R.A. }	22 Cheyne Gardens, S.W.
1865 Jan. 10.	ADAMS, WILLIAM ALEXANDER	Gaines, Worcester.
1865 May 23.	AIRD, ALEXANDER	124 Köpnick-Strasse, Berlin, S.O.
1859 Dec. 6.	AIRD, JOHN, M.P.	{ 37 Great George Street, S.W. [Loco. London. 3061.]
1886 Dec. 7.	AIRD, JOHN, Jun.	{ 37 Great George Street, S.W. [Loco. London. 3061.]
1883 Dec. 4.	ALDRICH, ARTHUR STANHOPE	Ry. Dept., Yokohama, Japan.
1865 Mar. 7.	ALLPORT, <i>Sir</i> JAMES JOSEPH	Midland Railway, Derby.
1884 Mar. 4.	ANDREWS, JAMES	Allegheny, Penn., U.S.
1877 Apr. 10.	ANNETT, RICHARD CHARLES FRANCIS	Municipal Offices, Liverpool.
1890 Dec. 2.	{ ARCHDEACON, WILLIAM EDWIN, <i>Staff-</i> <i>Commander</i> , R.N. }	Tenby, South Wales.
1866 Dec. 4.	ARDAGH, <i>Col.</i> JOHN CHAS., C.B., R.E.	Private Sec. to H.E. The Viceroy, Cal-
1886 May 4.	ARMYTAGE, GEORGE JOHN	Clifton Woodhead, Brighouse. [cutta.
1876 May 2.	AVIGDOR, ELIM HENRY D'	9 Victoria Street, S.W.
1877 Dec. 4.	BACHE, ALFRED, B.A.	19 Victoria Street, S.W.
1889 Feb. 5.	BACK, FREDERICK	Govt. Rys., Hobart, Tasmania.
1869 Apr. 6.	BADGLEY, <i>Col.</i> WM. FRANCIS, B.S.C.	Kyewood House, Tenbury.
1879 May 6.	BAIN, Dr. JOHN WILLIAM DEVEREUX	Clare, South Australia.
1881 May 3.	{ BAIRD, <i>Lt.-Col.</i> ANDREW WILSON, R.E., F.R.S. }	H.M. Mint, Calcutta.
1865 Feb. 7.	BARCLAY, CHARLES	The Manor Ho., Bayford, Hertford.
1891 May 5.	BARLING, JOSEPH	Under Secy., P.W.D., Sydney, N.S.W.
1889 Dec. 3.	BARNETT, GEORGE ALFRED, C.I.E.	G. I. P. Railway, Bombay.
1868 May 5.	BARROSO, <i>Cheralier</i> ZOSIMO	13 Avenida Tiradentes, São Paulo,
1885 Dec. 1.	BASTOS, JOSÉ JOAQUIM DE CARVALHO	Rio de Janeiro. [Brazil.
1882 Apr. 4.	BATE, <i>Capt.</i> CHARLES M'GUIRE, R.E.	Horse Guards, Whitehall, S.W.
1865 May 2.	BATTEN, JAMES BREND	32 Great George St., S.W. [Thames.
1853 Dec. 6.	BAYLISS, JOHN	Westergate House, Kingston-on-
1864 Feb. 2.	BAYLISS, SAMUEL	5 Hanover Ter., Regent's Pk., N.W.
1870 Feb. 1.	BECKETT, <i>Lt.-Col.</i> WILLIAM HENRY	Grindlay's, 55 Parliament St., S.W.
1868 Feb. 4.	BEHR, FRITZ BERNARD	South End House, Twickenham, S.W.
1878 Mar. 5.	BELLASIS, <i>Major</i> GEO. MONTALT, B.S.C.	H. S. King & Co., 45 Pall Mall, S.W.
1874 May 5.	BERREY, THOMAS HOPE GREEN	Waterwks. Off., Town Hall, Manchester.
1878 May 23.	BEVAN, Rev. JAMES OLIVER, M.A.	Vicarage, Vowchurch, Hereford.
1861 Dec. 3.	BIDDER, GEORGE PARKER, Q.C., M.A.	3 Paper Buildings, Temple, E.C.
1879 Feb. 4.	BIGG, HENRY ROBERT HEATHER	56 Wimpole Street, W.
1868 Mar. 3.	BIRD, JAMES BINFIELD	{ Busigny House, West Cowes, I.W. ; and 14 Queen Victoria Street, E.C.
1885 May 19.	BIRT, WILLIAM	{ G.E.Ry., Liverpool St. Station, E.C. [Eastman, London. 632.]
1886 Dec. 7.	{ BIXBY, <i>Capt.</i> WILLIAM HERBERT U.S. Engs. }	U.S. Eng. Office, Wilmington, N.C., U.S.
1891 Jan. 13.	BLISSETT, THOMAS	55 Parliament Street, S.W.

Date of Election.		ASSOCIATES.	
1856	Dec. 2.	BOULTON, SAMUEL BAGSTER	{ 64 Cannon Street, E.C. [Burboul, London. 1547.]
1881	Feb. 1	{ BOUSFIELD, WILLIAM ROBERT, Q.C., M.A. Wh. Sc. }	2 Crown Office Row, Temple, E.C.
G. 1841	June 15.	{ BOUSTEAD, JOHN }	34 Craven Street, Strand, W.C.
A. 1867	Nov. 26.		
1869	Feb. 2.	BOWDEN, JOHN	Ridgefield, Jno. Dalton St., Manchstr.
1887	Apr. 5.	{ BOWMAN, FREDERIC HUNGERFORD, D. Sc., F.R.S.E. }	West Mount, Halifax, Yorks.
1865	Feb. 7.	BRAND, JAMES	172 Buchanan Street, Glasgow.
1882	Feb. 7.	{ BRANDÃO, Comm. FRANCISCO DE PERRIA BUEÑO }	Arsenal de Marinha, Rio de Janeiro.
1866	Dec. 4.	BRASSEY, Lord, K.C.B., D.C.L. ..	4 Great George Street, S.W. [3002.]
1874	Dec. 1.	BREBNER, Capt. JAMES MENTEITH ..	New Oriental Bank, 25 Cockspur St.,
1877	Feb. 6.	BRIDGFORD, Maj. SIDNEY THOS., R.M.A.	Army and Navy Club, S.W. [S.W.]
1869	Dec. 7.	BRISTOW, EBENEZER JOHN	1 Copthall Buildings, E.C.
1870	May 3.	{ BROWN, Col. FRANCIS DAVID MIL- LETT, W. C. B.S.C. }	6 St. Aubyn's, Tiverton, Devon.
1862	Dec. 2.	BROWN, Sir JOHN	Endcliffe Hall, Sheffield.
1871	Dec. 5.	{ BROWNE, Maj.-Gen. Sir JAMES, K.C.S.I., C.B., R.E. }	Grindlay & Co., Calcutta.
1864	Feb. 2.	BROWNING, ARTHUR GIRAUD	16 Victoria St., S.W. [Friday, London.]
1852	Dec. 7.	BRYDGES, CHARLES JOHN	Hudson Bay Co., Winnipeg, Canada.
1869	May 4.	BUNTEN, JAMES CLARK	Anderston Foundry, Glasgow.
1886	Apr. 6.	BURT, JOHN MOWLEM	19 Grosvenor Rd., S.W.
1872	Feb. 6.	BUTLER, JAMES WILLIAM	Blyth Ho., Humber Rd., Blackheath.
1875	Dec. 7.	CAIL, RICHARD	Beaconsfield, Low Fell, Gateshead..
1876	Dec. 5.	{ CALL, Lt.-Col. CHARLES FREDERIC, late R.E. }	{ 5 Anglesea Ter., St. Leonards-on- Sea.
1866	Apr. 10.	CALVER, Capt. EDWARD K., R.N., F.R.S.	23 Park Pl. E., Sunderland.
1866	Dec. 4.	CAPPEL, Sir ALBERT J. LEPOC, K.C.I.E.	27 Kensington Court Gardens, S.W.
1880	Feb. 3.	CAPPER, ROBERT	18 Parliament St., S.W.
1885	Jan. 13.	CARD, HENRY	County Surveyor, Lewes.
1885	Dec. 1.	CARMAEL, ALFRED	1 Copthall Buildings, E.C. [416.]
1869	Apr. 6.	CARMAEL, ARTHUR	24 Southampton Blds., W.C. [2608.]
1879	May 6.	CARMAEL, EDWARD, B.A.	{ The Iveys, St. Julian's Farm Rd., Norwood, S.E.
1889	Apr. 2.	CARRUTHERS-WAIN, WILLIAM JAMES	Linden Lodge, Thornton Heath.
1855	May 1.	CARTER, RICHARD	Springbank, Harrogate.
1868	Apr. 7.	CASEBOURNE, CHARLES TOWNSHEND ..	3 Exchange, West Hartlepool.
1867	May 21.	CASTLE, EDWARD JAMES, Q.C.	8 King's Bench Walk, Temple, E.C.
1847	May 4.	CASTLE, HENRY JAMES	40 Chancery Lane, W.C.
1873	Feb. 4.	CASTLE, HENRY JAMES, JUN.	37 Bedford Row, W.C.
1865	May 23.	CAWKWELL, WILLIAM	Euston Station, N.W.
1865	Feb. 7.	CERERO, General RAFAEL	Ingenieros del Ejército, Madrid.
1854	May 23.	CHADWICK, DAVID	{ 36 Coleman Street, E.C. [Chad- wicks, Boardman, London. 190.]
1867	May 21.	CHANCE, JAMES TIMMINS, M.A. ..	51 Princes Gate, S.W.
1879	Mar. 4.	CLARK, MATEO	9 New Broad Street, E.C. [1078.]
1865	Apr. 4.	{ CLARKE, Lt.-Gen. Sir ANDREW, G.C.M.G., C.B., C.I.E., late R.E. .. }	52 Portland Place, W.
1872	Feb. 6.	CLEGHORN, JOHN	3 Spring Gardens, S.W.
1840	Mar. 10.	CLUTTON, JOHN	9 Whitehall Place, S.W.
1868	Apr. 7.	CLUTTON, ROBERT GEORGE	9 Whitehall Place, S.W.
1867	Feb. 5.	COLBRON, JOSEPH PARKIN	2 Osborne St., Cliftonville, Brighton.
1861	May 7.	{ COLLINSON, M.-Gen. THOS. BERNARD, late R.E. }	Little Haven, Ealing, W.
1879	Feb. 4.	COMBES, EDWARD, C.M.G.	
1866	Dec. 4.	CONWAY-GORDON, Col. LEWIS, C.I.E., R.E.	P. W. D., Calcutta.
1876	May 2.	COOK, HENRY	Furness Ry., Barrow-in-Furness.
1883	Feb. 6.	COOMBS, WILLIAM HERON, Lt. R.N.	H.M.S. "Indus," Devonport.

Date of Election.			ASSOCIATES.		
1885	May	5	COPUS, GEORGE	Colne Valley Ry., Halstead.	
1876	Dec.	5.	CORBETT, JOHN, M.P.	Impney, Droitwich.	
1859	Mar.	1.	CORRY, EDWARD	9 New Broad Street, E.C.	
1859	Dec.	6.	COTTAM, EDWARD	12 The Avenue, Ealing, W.	
1890	Apr.	1.	COWARD, EDWARD	Cotton Mills, Heaton Mersey, Lanes.	
1842	Mar.	1.	COWLEY, JOSEPH GLASS	Canada.	
1885	Dec.	1.	COX, EDMUND PENLEY	Pernambuco, Brazil.	
1874	May	12.	CRAMPTON, THOMAS HILLAS, B.A. ..	100 Eaton Place, S.W.	
1879	Apr.	1.	CRESSWELL, JOHN	Moot Hall, Newcastle-on-Tyne.	
1877	May	29.	CROFTON, EDWARD, M.A.	{ 45 West Cromwell Rd., Earl's Court, S.W.	
1884	May	27.	CROOKENDEN, ISAAC ADOLPHUS ..	{ East London Waterworks Co., 15A St. Helen's Place, E.C.	
1890	Jan.	14.	CUBILLO, <i>Major</i> LEANDRO	Trubia, Spain.	
1880	Jan.	13.	CUNNINGHAM, WILLIAM MARTIN ..	St. Petersburg.	
1882	Dec.	5.	{ CUNNINGHAM, <i>Lt.-Col.</i> ALLAN J. C., R.E. }	{ 96 Gloucester Rd., So. Kensington, S.W.	
1848	Apr.	4.	CURREY, HENRY	37 Norfolk Street, Strand, W.C.	
1882	May	2.	CUTBILL, WALTER JOHN CHARLES ..	37 Old Jewry, E.C.	
1862	Dec.	2.	CUTLER, WILLIAM HENRY	Brunswick Ho., Clifton Gardens, W.	
1891	Jan.	13.	DALLAS, <i>Captain</i> JAMES, R.E.	Military Works Dept., Bombay.	
1868	Feb.	4.	DANVERS, FREDERICK CHARLES	India Office, Whitehall, S.W.	
1881	Mar.	1.	DASH, THOMAS ALEXIS	Ivy Cottage, Byfleet, Surrey. [S.W.]	
1874	Dec.	1.	DAVIS, ALFRED	2 St. Ermin's Mansions, Westminster.	
1883	Dec.	4.	DAWKINS, W. BOYD, M.A., F.R.S. ..	Woodhurst, Fallowfield, M'chester.	
1867	Dec.	3.	DELANO, WILLIAM HENRY	117 Quai de Valmy, Paris.	
1874	Apr.	14.	DERWENT, <i>Lord</i>	Hackness Hall, Scarborough.	
1877	Dec.	4.	DE RANCE, CHARLES EUGENE	Museum, Jermyn St., S.W.	
1885	May	19.	DIXON, JOHN	Harbour Offices, Swansea.	
1886	Jan.	12.	DOULTON, <i>Sir</i> HENRY	Lambeth Pottery, S.E.	
1875	Apr.	6.	DOWDEN, <i>Col.</i> THOMAS F., R.E. ..	{ Consulting Engineer, Lucknow, India.	
1879	Dec.	2.	{ DRAKE - BROCKMAN, <i>Lt.-Col.</i> RALPH RHENIUS EVANS, R.E. }	Tanjore, Madras Presidency.	
1868	Dec.	1.	DUCAT, <i>Col.</i> WALTER MARDON, <i>late</i> R.E.	13 Devonshire Ter., Lancaster Gate,	
1871	Feb.	7.	DUNLOP, ALEXANDER MILNE	3 Old Palace Yard, S.W. [W.]	
1877	Jan.	16.	EAGLES, THOMAS HENRY, M.A. ...	Royal Indian Eng. Coll., Staines.	
1888	Dec.	4.	EDDY, EDWARD MILLER GARD	Chief Commr. for Rys., Sydney, N.S.W.	
1866	Jan.	9.	EDGCOMBE, <i>M.-Gen.</i> WM. HENRY, <i>late</i> R.E.	Pinewood, Sunninghill.	
1876	Dec.	5.	ELLIS, BASIL PYM	59 Belvedere Rd., Lambeth, S.E.	
1857	Feb.	2.	EPSTEIN, LÉON	Warsaw, Poland.	
1872	Dec.	3.	EVANS, FRANCIS HENRY, M.P.	Tubbendens, Orpington, Kent.	
1859	Dec.	6.	EVANS, JOHN, F.R.S., D.Sc.	Nash Mills, Hemel Hempstead.	
1876	Dec.	5.	{ FAGAN, <i>Maj.</i> CHRISTOPHER SULLIVAN FELTRIM, R.M.L.I. }	Burnett & Co., 123 Pall Mall, S.W.	
1868	Dec.	1.	FARMER, JOHN STINSON	Ifold, nr. Billingshurst, Sussex.	
1868	Feb.	4.	FAVIELL, WILLIAM FREDERICK	Sandhurst, Tunbridge Wells.	
1863	Mar.	3.	FELL, JOHN BARRACLOUGH	Sparke Bridge, Ulverston.	
1866	Jan.	9.	FENTON, <i>Sir</i> MYLES	S.E. Ry., London Bridge Station, S.E.	
1877	Feb.	6.	FENWICK, GEORGE TOWNSEND	Les Efforts House, Trinidad.	
1844	Apr.	2.	FERRIÈRES, <i>The Baron</i> DU BOIS DE ..	Bayshill House, Cheltenham.	
1864	May	1.	FIELD, SIDNEY	Ashfield Lodge, nr. Bury St. Ed.	
1874	Dec.	1.	FINDLAY, GEORGE	Hill House, Edgware, N.W. [muds.]	
1877	Mar.	29.	FIREBRACE, <i>Lt.-Col.</i> FREDERICK, R.E.	Grindlay & Co., Calcutta.	
1886	Dec.	7.	FLOYER, ERNEST AYSOGHE	Cairo.	
1865	Mar.	7.	FORBES, JAMES STAATS	L. C. & D. Ry., Victoria, S.W. [3170.]	

Date of
Election.

ASSOCIATES.

1852	May	4.	FORREST, JAMES (<i>Secretary</i>) ..	{ 25 Great George Street, S.W. [Institution, London. 3051.]
1871	Feb.	7.	FREEMAN, WILLIAM GEORGE	44 Kensington Square, W.
1875	Jan.	12.	FRERE, <i>Lt.-Col.</i> RICHARD TUDOR, R.E.	R.E. Office, Inverness, N.B.
1864	Feb.	2.	FURNESS, GEORGE	The Grange, Willesden Green, N.W.
1850	Mar.	5.	{ GALTON, <i>Capt. Sir</i> DOUGLAS, K.C.B., D.C.L., F.R.S., <i>late</i> R.E.	12 Chester St., Grosvenor Pl., S.W.
1868	Mar.	3.	GARLAND, THOMAS BLAND	Hillfields, Reading.
1889	Feb.	5.	GARNETT, WILLIAM TERRELL	Undercliffe House, Bradford.
1876	Dec.	5.	GIBBS, WILLIAM HENRY	Cedars Estate, West Kensington.
1867	Mar.	5.	GILBERTSON, FRANCIS BRAMAH ..	{ 10 Hargreaves Buildings, Liverpool. [Gilbertson, Liverpool.]
1883	Jan.	9.	GODFREY, GEORGE BROWN	12 Victoria Street, S.W.
1878	Mar.	5.	GORDON, <i>Col.</i> EDWARD SMITH, R.A...	Union Club, Brighton.
1868	Feb.	4.	GREENER, JOHN HENRY	15 Walbrook, E.C.
1877	May	29.	GRENVILLE, ROBERT NEVILLE	Butleigh Court, Glastonbury.
1878	Feb.	5.	GRIFFITHS, HENRY	3 Park Cres., Harlesden, N.W.
1872	Apr.	9.	GRINLINTON, JOHN JOSEPH	Colombo, Ceylon.
1870	Apr.	5.	GROVER, <i>Col.</i> GEORGE EDWARD, R.E.	United Service Club, Pall Mall, S.W.
1879	Dec.	2.	GUEST, ARTHUR EDWARD	40 Halfmoon St., Piccadilly, W.
1872	May	7.	GÜMPPEL, CHARLES GODFREY	{ 22 Christchurch Rd., Streatham Hill, S.W.
1874	Dec.	1.	GUNN, WILLIAM CECIL	7A Laurence Pountney Hill, E.C.
1878	Mar.	5.	HAMMOND, <i>Commr.</i> GEO. CRISPIN, R.N.	5 Beacon Terrace, Falmouth.
1871	Dec.	5.	HARDING, JOSEPH RAKE	Local Board of Health, Epsom.
1866	May	15.	HARGROVE, JAMES SIDNEY	16 Victoria Street, S.W.
1887	Dec.	6.	{ HARRISON, <i>Maj.-Gen. Sir</i> RICHARD, K.C.B., C.M.G., R.E. }	Government House, Devonport.
1875	Apr.	6.	HART, CHARLES FREDERICK	Devizes, Wilts.
1875	Feb.	2.	HART, JAMES	16 Philpot Lane, E.C.
1879	May	27.	HAWKINS, ALFRED TEMPLETON, LL.D.	22 Budge Row, E.C.
1871	Feb.	7.	HAWKINS, JAMES METCALF	The Limes, Cedar Rd., Sutton, Sur-
1858	Apr.	13.	HAWKINS, WILLIAM BAILEY	39 Lombard Street, E.C. [rey.]
1872	Mar.	5.	HAYDON, <i>Lt.-Col.</i> WILLIAM HENRY, R.E.	102 Sydney Place, Bath.
1881	Dec.	6.	HEATHORN, <i>Capt.</i> T. BRIDGES, <i>late</i> R.A.	10 Wilton Pl., S.W. [Kamar, London.]
1855	Feb.	6.	HEDGER, PHILIP	Southampton.
1869	Dec.	7.	HEWITT, ABRAM STEVENS	New York, U.S.
1851	Apr.	1.	HILL, JULIAN	8 Dean's Yard, Westminster, S.W.
1885	Dec.	1.	HILL, VINCENT WALKER	Hull and Barnsley Railway, Hull.
1876	Jan.	11.	{ HIME, <i>Lt.-Col.</i> ALBERT HENRY, C.M.G., <i>late</i> R.E. }	Maritzburg, Natal.
1878	Feb.	5.	HODGES, WILLIAM HENRY	Midland Railway, Derby.
1876	May	30.	HODGSON, HENRY TYLSTON	Harpenden, Herts. [de Janeiro.
1868	Dec.	1.	HOLGATE, JOHN THOMAS	176 Rua do Riachuelo, Caixa 457, Rio
1881	Mar.	1.	HOLLINGS, JAMES SPENCER	Richmond Hill, Montserrat, W. I.
1877	Mar.	6.	HOLME, ARTHUR HILL	{ Delfield, Aigburth, near Liverpool. [Holme, Liverpool.]
1886	Feb.	2.	HOPE, WILLIAM	10 Blacktoek St., Liverpool.
1867	Dec.	3.	HOWARD, JOHN	Windsor Lodge, Linden Grove, S.E.
1873	Feb.	4.	HUGHES, HENRY	{ 85 Gracechurch Street, E.C. [Fuse, London.]
1862	Jan.	14.	HUNT, HENRY ARTHUR	45 Parliament Street, S.W.
1886	Jan.	12.	HUNTER, WILLIAM HAVARD	Briton Ferry, South Wales.
1874	Mar.	3.	{ HUTCHINSON, <i>M.-Gen.</i> C. SCROPE, C.B., <i>late</i> R.E.	8 Richmond Ter., Whitehall, S.W.
1858	Dec.	7.	ISAACS, LEWIS HENRY, M.P.	3 Verulam Bldgs., Gray's Inn, W.C.
1879	Feb.	4.	IZARD, FRANCIS HENRY	Lion Lodge, Old Steyne, Brighton.

Date of Election.		ASSOCIATES.	
1887	May 3.	JACKSON, JOHN	17 Victoria Street, S.W.
1876	Feb. 1.	JACOB, <i>Col.</i> SAMUEL SWINTON, C.I.E.	Jeyapore, Rajputana, India.
1866	Feb. 6.	JAMES, FREDERICK	48 Tregunter Rd., Brompton, S.W.
1876	Dec. 5.	JAMES, JOHN WILLIAM	{ John Hunter, Wynyard Sq., Sydney, N.S.W.
1888	Dec. 4.	JAQUES, <i>Lieut.</i> WILLIAM HENRY ..	{ Bethlehem Iron Co., So. Bethlehem, Pa., U.S. [Mesbeth, Bethlehem.]
1876	Apr. 4.	JEFFERIES, THOMAS	Gasworks, Monte Video.
1857	Feb. 3.	{ JERVOIS, <i>Lt.-Gen.</i> Sir WILLIAM FRANCIS DRUMMOND, G.C.M.G., C.B., F.R.S., late R.E. }	Cox & Co., 16 Charing Cross, S.W.
1865	May 2.	JOHNSON, JOHN HENRY	47 Lincoln's Inn Fields, W.C. [2646.]
1866	Dec. 4.	JOHNSON, JOHN THEWLIS	Bradford Ironworks, Manchester.
1887	Dec. 6.	JORDAN, WILLIAM LEIGHTON	25 Jermyn Street, S.W. [cutta.
1873	Mar. 4.	JOSEPH, <i>Lt.-Col.</i> FREDK. WM., B.S.C.	Dep. Consulting Eng. for Rys., Cal-
1862	Jan. 14.	KEELING, HERBERT HOWARD	Merlewood, Eltham, Kent.
1870	May 3.	KENDREW, JOHN ANTHONY	The Ollands, Reepham, nr. Norwich.
1857	Jan. 13.	KENNARD, HOWARD JOHN	67 Upper Thames Street, E.C.
1885	Dec. 1.	KERNOT, <i>Prof.</i> WILLIAM CHARLES ..	University, Melbourne, Victoria.
1879	Dec. 2.	KUNHARDT, <i>Maj.</i> HY. GEFFCKEN, R.E.	P.W.D., Calcutta.
1871	Dec. 5.	LAMBERT, EDWARD TILEY, B.A. ..	Telham Court, Battle.
1884	Dec. 2.	LASS, ALFRED	30 Gracechurch Street, E.C.
1869	Dec. 7.	LAWRENCE, EDWIN, B.A., LL.B. ..	10 Kensington Palace Gardens, W.
1869	Apr. 6.	LAWRENCE, WILLIAM FRANCIS	38 Duke Street, St. James's, S.W.
1861	Mar. 5.	LEE, JOHN COCKBURN FRANCIS	9 Park Cres., Portland Pl., W.
1888	May 15.	LEWIS, HENRY FREDERICK WILLIAM	8 Meridian Rd., Cotham, Bristol.
1877	May 29.	{ LIMA, <i>Capt.</i> PEDRO BENJAMIN DE CERQUEIRA, <i>Imp. Braz. Navy</i> .. }	74 Rua da Quitanda, Rio de Janeiro.
1881	Feb. 1.	LINGARD-MONK, RICHD. BOUGHEY MONK	M. S. and L. Ry., Manchester.
1877	May 1.	LITTLER, RALPH DL. MAKINSON, C.B., Q.C.	4 Temple Gardens, E.C. [3148.]
1866	May 15.	LIVESAY, JOHN GILLET	Ventnor, I. W.
1880	Jan. 13.	LIVESEY, JOSEPH MONTAGUE	Stourton Hall, Horncastle, Lincs.
1876	May 2.	LLOYD, GEORGE BRAITHWAITE	Edgbaston Grove, Birmingham.
1883	Dec. 4.	LORIMER, WILLIAM	Glasgow Loco. Works, Glasgow.
1866	Mar. 6.	LOUTTIT, SAMUEL HENRY	Lambeth Waterworks, Brixton Hill.
1865	Mar. 7.	LOVATT, HENRY	Darlington Street, Wolverhampton.
1849	Apr. 3.	LOVELACE, the <i>Earl of</i> , F.R.S.	East Horsley Park, Ripley, Surrey.
1867	Mar. 5.	LOWE, CHARLES HARLOWE	Vestry Hall, Haverstock Hill, N.W.
1879	Dec. 2.	LUCAS, ARTHUR CHARLES	{ 37 Gt. George Street, S.W. [Loco. London. 3061.]
1864	Dec. 6.	LUCAS, CHARLES THOMAS	{ 37 Gt. George St., S.W.; & 9 Belgrave Sq., S.W. [Loco. London. 3061.]
1864	Dec. 6.	LUCAS, <i>Sir</i> THOMAS, <i>Bart.</i>	{ 37 Gt. George Street, S.W. [Loco. London. 3061.]
1882	Dec. 5.	LYTE, FARNHAM MAXWELL	60 Finborough Rd., Kensington, S.W.
1880	Mar. 2.	{ MCCALLUM, <i>Maj.</i> HENRY EDWARD, C.M.G., R.E. }	Singapore, S.S.
1890	Dec. 2.	MCCORMICK, JOHN	Melbourne, Victoria.
1873	Jan. 14.	MACKAY, JOHN	South Bank, Hereford.
1881	Dec. 6.	McILWRAITH, <i>Sir</i> THOS. K.C.M.G., LL.D.	Brisbane, Queensland.
1851	Jan. 21.	{ McKERLIE, <i>Col.</i> Sir JOHN GRAHAM, K.C.B., late R.E. }	9 Clifton Ter., Monkstown, Dublin.
1865	Dec. 5.	{ McMURDO, <i>General</i> Sir WILLIAM MON- TAGU SCOTT, K.C.B. }	18 Melbury Road, Kensington, W.
1872	Dec. 3.	{ McNAIR, <i>Major</i> JOHN FREDERICK ADOLPHUS, C.M.G., R.A., F.L.S. .. }	Beechwood, West Hill, Sydenham.
1868	Apr. 7.	{ MACKWORTH, <i>Col.</i> Sir ARTHUR WILLIAM, <i>Bart.</i> R.E. }	Glen Usk, Caerleon, Newport, Mon.
1881	Dec. 6.	MAIN, <i>Prof.</i> JOHN FRED., M.A., D.Sc.	46 Jacobson Block, Denver, Colo., U.S.

Date of Election.	ASSOCIATES.	
1885 May 19.	{MAITLAND, <i>Maj.-Gen.</i> EARDLEY, C.B., R.A.}	111 New Bond Street, W.
1888 May 15.	{MANN, <i>Maj.-Gen.</i> JAMES ROBERT, C.M.G., <i>late</i> R.E.}	120 Cromwell Road, S.W.
1855 Apr. 3.	MANNIX, JAMES BALL	1 Shelbourne Terrace, Limerick.
1865 Feb. 7.	MAPPIN, <i>Sir</i> FREDK. THORPE, <i>Bart.</i> , M.P.	38 Prince's Gate, S.W.
1889 Jan. 8.	MARGETTS, WILLIAM GEORGE	Ring's Hill Lodge, nr. Rochester.
1864 Apr. 5.	MARTIN, SAMUEL GARLICK	{Little Morskoi 19, St. Petersburg. [Martin, Petersburg.]}
1857 Mar. 3.	{MARTINDALE, <i>Col.</i> BEN HAY, C.B., <i>late</i> R.E.}	Overfield, Bickley, Kent.
1880 Dec. 7.	MATTHEY, GEORGE, F.R.S.	75 Hatton Garden, E.C.
1859 Apr. 5.	MEREDITH, JOHN BULT	College Wharf, Belvedere Road, S.E.
1872 Apr. 9.	{MEREWETHER, <i>Col.</i> GEORGE LANE COCKBURN, R.E.}	Bombay.
1856 Mar. 4.	METFORD, WILLIAM ELLIS	Elm Lane, Upper Redland, Bristol.
1882 Dec. 5.	MEYER, HENRY CODDINGTON	82 Fulton St., New York, U.S.
1877 Apr. 10.	MIDDLETON, JOHN THOMAS	Warden Lodge, Cheshunt, Herts.
1869 Dec. 7.	MIERS, JOHN WILLIAM	74 Addison Rd., Kensington, W.
1874 Dec. 1.	MILLER, <i>Major</i> J. FRANCIS JAS., B.S.C.	Watson & Co., 27 Leadenhall St., E.C.
1879 Apr. 1.	MILLYARD, JOHN WILLIAM	Littlebridge, Bromyard, Worcester.
1879 May 27.	MOBERLY, GEORGE ERNEST	Orwell Works, Ipswich.
1868 May 5.	{MONCRIEFF, <i>Col.</i> <i>Sir</i> COLIN CAMPBELL SCOTT, K.C.M.G., C.S.I., <i>late</i> R.E. }	Cairo.
1841 June 8.	MORAWSKI, ADALBERT	Poland.
1887 Dec. 6.	MORGAN, JOSEPH BOND	Stand Ho., Childwall, nr. Liverpool.
1882 Dec. 5.	MORLAND, <i>Captain</i> <i>Sir</i> HENRY	Port Officer, Bombay.
1879 May 27.	MORRIS, JAMES	Dean Lane, Bombay.
1873 May 20.	MORT, FREDERICK HARRY	Widnes, Lancashire.
1883 May 1.	MOULTON, JOHN FLETCHER, Q.C. . .	57 Onslow Square, S.W.
1877 May 1.	MOUSLEY, JAMES ALFRED	Fernbrook, Pangbourne, Berks.
1879 May 6.	MOUSLEY, WILLIAM THOMAS	Brockton Hall, Eccleshall, Staffs.
1850 Apr. 2.	MUNDAY, GEORGE JAMES	8 Savage Gardens, Tower Hill, E.C.
1875 Feb. 2.	MUNTZ, FREDERICK ERNEST, B.A. . .	11 Victoria Street, S.W.
1879 Dec. 2.	NEWMARCH, <i>Col.</i> GEORGE, R.E. . .	Willowmeade, Chislehurst.
1879 Feb. 4.	NEWTON, FRANCIS MURRAY	Barton Grange, Taunton.
1878 Mar. 5.	NEWTON, GEORGE BOLLAND	N. L. Ry., Euston Stat., N.W.
1872 Dec. 3.	NICHOLSON, <i>Col.</i> W. GUSTAVUS, C.B., R.E.	Army Headquarters, Simla, India.
1884 Dec. 2.	NICOLL, DONALD	12 Buckingham St., Adelphi, W.C.
1869 May 4.	NOBLE, JOHN	Midland Railway, Derby. [N.W.]
1878 Feb. 5.	NOTMAN, HENRY WILKES	Cholmley Lodge, W. End, Kilburn,
1866 Mar. 6.	OAKLEY, <i>Sir</i> HENRY	G. N. Ry., King's Cross, N.
1866 Feb. 6.	{O'CONNELL, <i>M.-Gen.</i> PET. PIERCE LYONS, <i>late</i> R.E.}	Batterdown View, Cheltenham.
1868 Mar. 3.	OGILVIE, PATRICK	Hambleton, Hants.
1878 Feb. 5.	OGSTON, GEORGE HENRY	39 Lime Street, E.C.
1883 Feb. 6.	OLIVIER, <i>Maj.</i> HENRY DACRES, R.E.	Grindlay, Groom & Co., Bombay.
1872 Apr. 9.	PAGET, BERKELEY	2 Laurence Pountney Hill, E.C. ⁷
1891 May 12.	PAGET, GEORGE ERNEST	Sutton Bonington, Loughborough.
1877 Jan. 16.	PAIN, COARD SQUAREY	14 North John Street, Liverpool.
1874 Apr. 14.	PALMER, <i>Sir</i> CHAS. MARK, <i>Bart.</i> , M.P.	51 Grosvenor Square, W.
1885 Apr. 14.	{PALMER, <i>M.-Gen.</i> HENRY SPENCER, <i>late</i> R.E.}	Yokohama, Japan. [India.]
1891 Feb. 3.	PAUL, ERNEST MONCRIEFF, <i>Lieut.</i> R.E.	Military Works Dept., Allahabad,
1872 Dec. 3.	PAYNE, ALEXANDER	4 Storey's Gate, Westminster, S.W.
1869 Dec. 7.	PEASE, <i>Sir</i> JOS. WHITWELL, <i>Bart.</i> , M.P.	Hutton Hall, Guisborough.
1876 May 30.	PEILE, <i>Lt.-Gen.</i> FRED. WESTON, <i>late</i> R.E.	Broomhill, Inverness, N.B.

Date of Election.		ASSOCIATES.				
1876 Feb.	1.	{PEMBERTON, Col. ROBERT CHARLES BOILEAU, R.E.}				With the Supreme Govt., India.
1844 Mar.	5.	PEPPER, JOHN HENRY				{Ferndale, Roseberry Rd., Clapham Park, S.W.
1878 Mar.	5.	PERKS, ROBERT WILLIAM				Claverley, Lubbock Rd., Chislehurst.
1888 Dec.	4.	PERRY, WILLIAM ALFRED				Henry R. Worthington, New York.
1885 Apr.	14.	PESTONJEE, NOWROJEE				Ahmedabad, India. [U.S.]
1860 Mar.	6.	PHILLIPS, JOSEPH				Forfar & Brechin Ry., Brechin, N.B.
1862 Mar.	4.	PICKERING, JOHN				110 Lexham Gds., Cromwell Rd., S.W.
1871 Feb.	7.	PIDGEON, DANIEL				Walsingham House, Piccadilly, W.
1849 Apr.	3.	PIPER, WILLIAM				Beechwood, Highgate, N.
1871 Dec.	5.	POCOCK, GEORGE PULLIN				98 Elgin Avenue, St. Peter's Pk., W.
1869 Dec.	7.	POLLARD, Lt.-Gen. CHARLES, late R.E.				11 Hanover Ter., Ladbroke Sq., W.
1850 Dec.	3.	PORTER, JOHN HENDERSON				{165 Queen Victoria Street, E.C. [Aquarius, London.]
1869 Dec.	7.	PRESTWICH, Prof. JOSEPH, M.A., F.R.S.				Shoreham, Sevenoaks, Kent.
1872 Jan.	9.	PYE-SMITH, ARTHUR				St. Pancras Ironworks, N.W.
1891 Mar.	3.	RADCLIFFE, ALEXANDER NELSON ..				{20 Craven St., Strand, W.C. [Drac- cliffe, London. 2505].
1883 Dec.	4.	RANDALL, JOSEPH				Warren Lane Works, Woolwich.
1848 Mar.	7.	RANSOME, FREDERICK				42 Melbourne Grove, E. Dulwich, S.E.
1874 Dec.	1.	RAWLINS, JOHN				The Birches, Saltley, Birmingham.
1872 Feb.	6.	REDGRAVE, GILBERT RICHARD ..				Sunnyside, Muswell Hill, N.
1872 May	7.	REID, DAVID				Milnathort, N.B.
1859 Feb.	1.	REID, JAMES				12 Wharf Road, City Road, N.
1863 Mar.	3.	RENDEL, STUART, M.A., M.P. ..				8 Great George Street, S.W.
1872 May	7.	REYNOLDS, THOMAS, Jun.				18 St. Swithin's Lane, E.C.
1870 Mar.	1.	{RICARDE-SEAUER, Maj. FRANCIS IGNACIO F.R.S.E.}				26 Rue Cambon, Paris.
1871 Feb.	7.	RICKMAN, THOMAS MILLER				8 Montague St., Russell Square, W.C.
1856 Mar.	4.	RIDLEY, THOMAS DAWSON				Coatham, Redcar.
1878 Feb.	5.	ROBERTS, ROBERT WILLIAM				Gwaunydd, Blaenau Festiniog.
1874 Feb.	3.	ROBERTS, WILLIAM HENRY				Holborough Court, Rochester.
1868 Apr.	7.	ROBINSON, FRANCIS WILLIAM				44 Acacia Rd., St. John's Wood, N.W.
1883 Feb.	6.	ROBINSON, GEORGE (late R.N.) ..				St. John's, Newfoundland.
1849 Mar.	6.	ROBINSON, HENRY				Riga.
1859 May	3.	ROBINSON, JOHN				7 Middle Scotland Yard, S.W.
1865 Apr.	4.	ROBSON, ALFRED				62 Highbury Park, N.
1884 Jan.	8.	ROCH, THOMAS JAMES				1 Queensberry Place, S.W.
1885 Jan.	13.	ROCK, JAMES				9 South Hill Pk. Gds., Hampstead
1875 Mar.	2.	ROGERSON, JOHN				Croxdale Hall, Durham.
1856 Apr.	1.	ROSSER, WILLIAM				Rhydyrhelig, Sketty, nr. Swansea.
1884 Dec.	2.	ROWAN, FREDERIC CHARLES				29 Queen St., Melbourne, Australia.
1868 May	5.	RYDON, HORACE JAMES				1 Petherton Rd., Highbury New Pk., N.
1865 Jan.	10.	SAÏD, Colonel, PACHA				Constantinople.
1840 June	2.	SALE, Colonel THOMAS HENRY, late R.E.				90 Gloucester Ter., Hyde Park, W.
1882 May	23.	SALOMONS, Sir DAVID LIONEL, Bart.				49 Grosvenor Street, W.
1880 May	25.	{SANFORD, Brig.-Gen. GEO. EDW. LANG- HAM SOMERSET, C.B., C.S.I., R.E.}				Army Head Quarters, Simla, India.
1884 Jan.	8.	{SANKEY, Lt.-Gen. RICHARD H., C.B., late R.E.}				Floraville, Donnybrook, Dublin.
1869 Apr.	6.	SARGEANT, Lt.-Col. RICH. ARTHUR, R.E.				Oudh & Rohilkund Ry., Lucknow.
1841 Feb.	9.	SCHAFHAEUTL, CHARLES, M.D.				Munich.
1888 Feb.	7.	{SCOTT, Maj.-Gen. ALEXANDER DE COURCY, late R.E.}				86 Cornwall Gardens, S.W.
1865 Dec.	5.	SCOTT, ARCHIBALD				L. & S.W. Ry., Waterloo Rd., S.E.
1883 Mar.	6.	SCOTT, Maj. BUCHANAN, C.I.E., R.E.				Grindlay's, 55 Parliament St., S.W.

Date of Election.	ASSOCIATES.	
1887 Dec. 6.	SCRATCHLEY, PHILIP ARTHUR, M.A.	17 Victoria Street, S.W.
1878 Feb. 5.	SEWELL, WILLIAM	Campbell House, Higham Ferrers.
1876 Apr. 4.	SHAKESPEAR, Lt.-Col. JNO. DAVENPORT	Magistrates' Club, St. James's St., S.W.
1870 May 24.	{ SHEPHERD, Lt.-Col. CHAS. EDWARD, } B.S.C.	Ex. Eng., D.P.W., India.
1861 Mar. 5.	SICH, HENRY WYNDHAM	Chiswick Mall, Middlesex.
1861 Feb. 5.	SILVER, Col. HUGH ADAMS	Abbey Lodge, Chislehurst.
1847 June 1.	{ SIMMONS, Field-Marshal Sir LINTORN, } G.C.B., G.C.M.G., R.E.	36 Cornwall Gardens, S.W.
1869 May 11.	SIMONS, HENRY MINCHIN	39 Lime Street, E.C.
1853 Jan. 11.	SINCLAIR, ARTHUR	St. Helens, Lancashire. [Alban's.
1875 Apr. 6.	SMITH, CHARLES	Dr. Gilbert, F.R.S., Harpenden, St.
1888 Apr. 10.	SMITH, JOSEPH HENRY	Ry. Commisn., Adelaide, S. Australia.
1883 Dec. 4.	SMITH, Maj.-Gen. PERCY, late R.E.	Foßlallt, Marlboro' Rd., Bournemouth.
1874 Jan. 13.	SOMERVILLE, JOHN	So. Metn. Gas Co., 70 Bankside, S.E.
1867 May 21.	SPARKS, Col. JOHN BARNES, B.S.C. ..	8 Stanmore Rd., West Green, N.
1873 Mar. 4.	SPEAKMAN, RICHARD EDWARD	Doddington Park, Nantwich.
1885 May 19.	SPEIGHT, RICHARD	Ry. Dept., Melbourne, Victoria.
1878 Mar. 5.	SPENCER, SAMUEL	14 Great St. Thomas Apostle, E.C.
1879 Mar. 4.	SQUIRE, JOHN BARRET	297 Clapham Road, S.W.
1862 Jan. 14.	STALBRIDGE, Lord	12 Upper Brook Street, W.
1870 Mar. 1.	{ STANTON, Maj.-Gen. FREDERICK SMITH, } late R.E.	Drayton Hall, West Drayton.
1868 Dec. 1.	STATHAM, EDWYN JOSEPH	Carey Street, Marrickville, Sydney,
1858 May 4.	STATTER, THOMAS	Bury, Lancashire. [N.S.W.
1836 Mar. 1.	STEPHENSON, Sir R. MACDONALD ..	Holmfield, Rusthall, Tunbridge Wells.
1871 Mar. 7.	STERNE, LOUIS	{ 28 Victoria Street, S.W. [Elsterne, London. 3066.]
1874 Apr. 14.	STEWART, GILBERT MACLEOD	9 Bridge Street, Westminster, S.W.
1875 Dec. 7.	STEWART, HOUSTON STEWART	9 Bridge Street, Westminster, S.W.
1869 Mar. 2.	{ STEWART, Maj.-Gen. JOHN HERON } MAXWELL SHAW, late R.E., F.R.S.E.	61 Lancaster Gate, W.
1863 May 19.	STIFFE, Captain ARTHUR WILLIAM ..	73 Warwick Rd., Earl's Court, S.W.
1875 Jan. 12.	{ STOKES, Lt.-Gen. Sir JOHN, K.C.B., } late R.E.	Good Rest, Hayward's Heath, Sussex.
1871 Dec. 5.	{ STOTHERD, Maj.-Gen. RICHARD HUGH, } C.B., late R.E.	Heathcote, Camberley, Farnboro'.
1876 Feb. 1.	STREET, WILLIAM CHARLES	7 Victoria Street, S.W.
1862 May 6.	SUGG, WILLIAM THOMAS	Vincent Wks., Vincent St., West., S.W.
1879 Feb. 4.	SUMNER, GEORGE HARLOWE	14 Belgrave Rd., Abbey Rd., N.W.
1878 Mar. 5.	SWAN, HUGH HENRY	10 Gordon Road, Roath, Cardiff.
1868 Mar. 3.	SWARBRICK, SAMUEL	The Cedars, The Green, Tottenham.
1883 Jan. 9.	THEOBALD, JOHN WILSON	[Mitcham. Woodlands, Beddington Lane, nr.
1878 Apr. 2.	THOMPSON, MATTHEW WILLIAM	Park Gate, Guiseley, near Leeds.
1879 Apr. 1.	THOMPSON, Sir THOMAS RAIKES, Bart.	Junior Carlton Club, Pall Mall, S.W.
1859 May 3.	THOMSON, JOHN	Clutha, Culverden Pk., Tunbridge
1860 Jan. 10.	TOPHAM, JOHN	Ripley, Derbyshire. [Wells.
1880 Jan. 13.	TOPHAM, WILLIAM HANPSON	15 Great George Street, S.W.
1874 May 12.	TOPLEY, WILLIAM, F.R.S.	28 Jermyn Street, S.W.
1875 Feb. 2.	TOZER, JAMES HONIBALL	{ 10 Eastcheap, E.C. [Battlement, London. 2011.] [U.S.
1888 Mar. 6.	TRAUTWINE, JOHN CRESSON, JUN. ..	3,301 Haverford St., Philadelphia,
1838 May 8.	{ TREMENEERE, Maj.-Gen. GEORGE } BORLASE, late R.E.	Spring Grove, Isleworth.
1884 Apr. 1.	{ TRESIDDER, Capt. TOLMIE JOHN, } C.M.G., late R.E.	Atlas Works, Sheffield.
1873 Mar. 4.	{ TREVOR, M.-Gen. JOHN SALUSBURY, } C.S.I., late R.E.	75 Ladbrooke Road, Notting Hill, W.
1876 Apr. 4.	TURNER, OSWALD	14 Cromwell Rd., West Brighton.
1885 Dec. 1.	TURNER, SAMUEL LUCAS	79 Tierney Rd., Streatham Hill, S.W.
1861 Mar. 5.	TYER, EDWARD	Ashwin Street, Dalston, E.

Date of Election.		ASSOCIATES.				
1853	May 3.	{ TYLER, Capt. Sir HENRY WHATLEY, } M.P., late R.E. }	Pymmes Park, Edmonton.			
1868	Mar. 3.	VICKERS, ALBERT	28 Victoria Street, S.W.			
1876	Jan. 11.	VIGERS, FRANCIS	4 Frederick's Pl., Old Jewry, E.C. [75.]			
1869	Dec. 7.	VIGERS, ROBERT	4 Frederick's Pl., Old Jewry, E.C. [75.]			
1862	Dec. 2.	WADDINGTON, JOHN	35 King William Street, E.C. [1518.]			
1868	Apr. 7.	WALLIS, JAMES JOHN	Sutton Lodge, West Molesey, Surrey.			
1879	May 27.	WARNER, ROBERT	Cresecent Foundry, Cripplegate, E.C.			
1866	Apr. 10.	{ WARREN, Maj.-Gen. Sir CHARLES, } G.C.M.G., K.C.B., F.R.S., R.E. .. }	44 St. George's Road, S.W.			
1889	Jan. 8.	WATSON, CHARLES HUBBACK	Johnson & Co., Greenhithe, Kent.			
1884	Dec. 2.	WATSON, WILLIAM	{ 25 Fitzwilliam Pl., Dublin. [Watson, [Dublin.]			
1867	May 7.	WAUGH, HENRY	Watcombe, Summertown, Oxford.			
1871	Feb. 7.	WAUGH, JOHN	{ Sunbridge Chambers, Bradford, [Boiler, Bradford. 72.]			
1872	Jan. 9.	{ WEBBER, M.-Gen. CHAS. EDMUND, C.B., } late R.E. }	17 Egerton Gds., S. Kensington, S.W.			
1883	Dec. 4.	{ WEBSTER, Sir RICHARD EVERARD, } Q.C., M.P. }	Hornton Lodge, Hornton Street, W.			
1887	May 3.	WEMYSS, RANDOLPH GORDON ERSKINE	Wemyss Castle, Fife, N.B.			
1866	May 1.	WESLEY, MATTHIAS ERASMUS	4 Norland Pl., Notting Hill, W.			
1872	Feb. 6.	WEST, Rev. GEORGE HERBERT, D.D. .	Ascham Ho., Bournemouth.			
1879	May 6.	{ WESTERN, L.-Col. JAS. HALIFAX, C.M.G., } late R.E. }	6 Chepstow Rise, Croydon.			
1885	Feb. 3.	WHITAKER, WILLIAM, B.A., F.R.S. .	33 East Park Ter., Southampton.			
1872	Apr. 9.	WHITE, FREDERICK ANTHONY	2 Lime Street Square., E.C. [4233.]			
1838	Mar. 15.	WHITE, GEORGE FREDERICK	1 Porchester Gate, Hyde Park, W.			
1872	Apr. 9.	WHITE, LEEDHAM	2 Lime Street Square, E.C. [4233.]			
1874	Dec. 1.	WILDE, SAMUEL JOHN	10 Serjeants' Inn, Fleet Street, E.C.			
1875	May 4.	WILLIAMS, CHARLES STROUD	L. J. Williams, 6 Furnival's Inn, E.C.			
1869	May 11.	WILLIAMS, JAMES	Midland Railway, Derby.			
1888	Dec. 4.	WILCOX, BENJAMIN	47 Lincoln's Inn Fields, W.C.			
1874	Apr. 14.	WILSON, ALEXANDER	Cyclops Works, Sheffield.			
1872	Apr. 9.	WISE, WILLIAM LLOYD	{ 46 Lincoln's Inn Fields, W.C. [Lloyd Wise, London. 2766.]			
1877	Dec. 4.	WOODHEAD, WILLIAM BOOTH	65 Market Street, Bradford.			
1876	May 2.	WOODHOUSE, THOMAS WALTER	35 & 36 Red Lion Square, W.C.			
1874	Mar. 3.	WOODS, ARTHUR	1 Drapers Gds., Throgmorton St., E.C.			
1865	Dec. 5.	WOOLCOTT, GEORGE	78 Palace Gdns. Ter., Kensington, W.			
1886	Apr. 6.	WRIGHT, Major JOHN THOMAS, late R.E.	16 Carlisle Mans., Victoria St., S.W.			
1857	May 19.	WRIGHT, JOSEPH	1 Camborne Ter., Lower Rd., Rich-			
1879	Feb. 4.	WYATT, WILLIAM	28 Noble St., Wem, Salop. [mond			
1882	Dec. 5.	YERBURGH, JOHN EARDLEY	21 Queen Anne's Gate, S.W.			
1873	May 6.	YORK, OLIVER	10 Via Venezia, Florence.			
1886	Feb. 2.	YOUNG, Major CARMICHAEL LIGHT, R.E.	Sunnyside, Cheltenham.			
1877	Feb. 6.	YOUNG, SEPTIMUS	5 Victoria Street, S.W.			

Total number of Associates 419.

S T U D E N T S.

[Stud. Inst. C.E.]

Date of Admission.	STUDENTS.		
1885 Mar. 3.	ABERCROMBIE, DAVID	Lynngarth, Brooklands, Cheshire.	
1890 Nov. 11.	ACKERMANN, ALFRED SEABOLD ELI ..	122 Sinclair Rd., W. Kensington, W.	
1888 Jan. 10.	ADAM, ROBERT	Waterworks, Strathblane, Glasgow.	
1885 Mar. 3.	ADAMS, FREDERICK	60 Queen Victoria St., E.C.	
1888 Nov. 13.	ADAMS, GEORGE FRANCIS	{ Brown & Rees, Guildhall Chambers, Cardiff.	
1887 Feb. 15.	ADAMS, GEORGE THOMAS COOKE ..	Pinehill, Woollahra, N.S.W.	
1889 Jan. 15.	{ ALBUQUERQUE MARANHÃO, ALFONSO DE OLIVEIRA }	Atlas Works, Springburn, Glasgow.	
1887 Nov. 22.	ALFORD, JOHN SIDNEY	46 Queen Anne's Gate, S.W. [S.W.	
1890 Dec. 16.	ALLEN, GORDON	County Council, Spring Gardens,	
1888 Jan. 10.	ALLEN, HERBERT EDWARD	3 Park Drive, The Pk., Nottingham.	
1888 May 8.	ALLOTT, HENRY NEWMARCH	{ 1 Peel Ter., Chester Rd., Old Traf- ford, Manchester.	
1889 Dec. 10.	ALTHAM, JESSE LIDDEL	A. Altham, Tea Merchant, Burnley.	
1889 Nov. 5.	AMPHLETT, EDWARD ALBIN, B.E. ..	{ Walker St., North Shore, Sydney, N.S.W.	
1887 Feb. 15.	ANDERSON, JOHN REID	The Cottage, Gibson's Hill, Norwood.	
1890 May 13.	ANDERSON, NORTON PERCY	14 Delahay St., Westminster, S.W.	
1887 Nov. 8.	ANDERSON, PIERCIE SEVERN	Cairo, Egypt.	
1889 Nov. 26.	ANDERSON, ROBERT HAY	{ Compania Anida, Apartado 4, Guana- juato, Mexico.	
1888 Mar. 20.	ANDROS, WALTER FACHIN	Russell Villa, Sydenham, S.E.	
1889 Dec. 10.	ANDRUS, DONALD ALLAN	Ottoman Ry., Smyrna, Asia Minor.	
1891 Jan. 27.	ANGUS, CHARLES SPENCE	6A Wilkie Road, Singapore, S.S.	
1885 Dec. 1.	ANTHONY, ALBERT EVERSHED	West Villa, Hastings.	
1886 Dec. 7.	ANTHONY, CHARLES, JUN.	The Elms, Hereford.	
1891 May 5.	ANTHONY, PHILIP ARNOLD	Woodland Terrace, Plymouth.	
1890 Apr. 29.	ANZORENA, ELISEO	33 Great George Street, S.W.	
1889 Apr. 16.	ANZORENA, JACINTO	36 Pier Road, Erith, Kent.	
1889 Nov. 26.	ARMITAGE, FREDERICK RHODES, B.A.	34 Cambridge Sq., Hyde Park, W.	
1888 Dec. 18.	ARNOT, ARTHUR JAMES	{ Union Electric Co., Fink's Buildgs., Melbourne, Victoria.	
1891 Mar. 17.	ASHFIELD, ARTHUR	138, Malmesbury Road, Bow, E.	
1890 May 13.	ASHTON, HAROLD THOMAS, M.Sc. ..	Laboratory, Arsenal, Woolwich.	
1888 Feb. 7.	ASHWORTH, JOHN HENRY	17 Dix's Field, Exeter.	
1884 Nov. 25.	ASLETT, ALFRED HENRY	Ferro Carril del Sud, Buenos Ayres.	
1888 Feb. 7.	ASQUITH, BENTLEY	Low Moor, Bradford.	
1886 Nov. 2.	ATLAY, GEORGE WILLIAM PERCY ..	The Field, Marple, Cheshire.	
1890 Mar. 18.	ATTFIELD, HENRY STEWART	Royal Indian Eng. Coll., Staines.	
1891 Apr. 14.	AVELING, THOMAS CLIFFORD	The Restoration House, Rochester.	
1887 Dec. 13.	BADER, FREDERICK ROBERT	P.W.D., Surat, Bombay.	
1891 Jan. 13.	BAGOT, LEWIS BROWN	Storey Square, Barrow-in-Furness.	
1887 Feb. 1.	BAILEY, ARTHUR STOWEY	28 Carnalt Gardens, Putney, S.W.	
1889 Nov. 26.	BAILEY, JAMES HENRY DAVENPORT ..	104 Queen Victoria Street, E.C.	
1887 Dec. 6.	BAILEY, STANLEY CLAUDE	27 Walters Road, Swansea.	

Date of Admission.	STUDENTS.	
1890 Mar. 25.	BAILY, FRANCIS GIBSON, B.A.	176 Haverstock Hill, N.W.
1888 Mar. 13.	BAINES, HEWLEY MORTIMER	P.W.D., Dalhousie, Punjab.
1890 Feb. 11.	BAKER, GEORGE ARTHUR MARSHALL	Eng.'s Off., Central Station, Liver-
1890 Jan. 28.	BAKER, GEORGE HANNYNGTON, B.A.	Rossbehy, co. Kerry. [pool.
1889 Nov. 15.	BALDWIN, LEONARD LUDOVIC	7 Market Place, Loughborough.
1891 Feb. 10.	BALE, GEORGE ROBERT	109 Dalling Rd., Hammersmith, W.
1891 May 5.	BALFOUR, DAVID, Jun.	3 St. Nicholas Bldgs., Newcastle-on-
1886 Mar. 16.	BALL, BENJAMIN	Middleton, Manchester. [Tyne.
1887 Dec. 13.	BALL, JAMES BENJAMIN	Great Northern Ry., King's Cross, N.
1891 May 12.	BALLANTYNE, THOMAS	260 Renfrew Street, Glasgow.
1888 Nov. 20.	BAMFORD, CHARLES FREDERICK ..	{ Overhead Ry., Mersey Buildings, Liverpool. [N.W.
1886 Nov. 2.	BANISTER, EDWARD PEMBERTON ..	36, Belmont Street, Haverstock Hill,
1890 Nov. 18.	BARBER, EDWARD HAZLEDINE	North Staffs. Ry., Stoke-on-Trent.
1889 Dec. 17.	BARHAM, HUGH GARRATT	University Hall, Gordon Sq., W.C.
1888 Feb. 7.	BARKER, CHARLES DAVIDSON	1 Bowmont Ter., Kelvinside, Glasgow.
1889 May 21.	BARKER, JOHN HENRY	{ 31 Alexandra Place, Newcastle- on-Tyne.
1884 Nov. 4.	BARKER, JOSEPH WILLIAM	Cavendish Grove, Southampton.
1891 Jan. 13.	BARKER, OSWALD	12 Blessington Road, Lee, S.E.
1885 Dec. 22.	BARKLEY, JOHN GEORGE	Bengal-Nagpur Ry., Bilaspur, India.
1890 Mar. 4.	BARLOW, THOMAS	Royal Indian Eng. Coll., Staines.
1891 Apr. 28.	BARNARD, HENRY OSMOND	Survey Dept., Colombo, Ceylon.
1885 Mar. 3.	BARNBY, REGINALD CLAYTON	St. Mary's House, York.
1890 Apr. 15.	BARNETT, WALTER GEORGE	Survey Dept., Bangkok, Siam.
1888 Nov. 20.	BARRATT, SAMUEL HARRY HILL, A.K.C.	10 Fairfax Rd., South Hampstead,
1889 Jan. 15.	BARROW, ARTHUR ROBERT	N. W. Ry., Rawal Pindi, India.
1891 Feb. 10.	BARTLETT, EDWARD CECIL	12 Victoria Grove, Kensington, W.
1886 Dec. 7.	BARTON, ERNEST MORTLOCK	The Mount, Ware, Herts.
1887 Mar. 8.	BATCHEN, THOMAS MACKENZIE	6 Innes Street, Inverness.
1885 Oct. 27.	BATHO, WILLIAM TIMPERLEY	4 Uxbridge Rd., Surbiton.
1887 Jan. 25.	BATT, ALFRED JACKSON	Higheroft, Harold Rd., Up. Norwood.
1886 Dec. 7.	BEADLE, FRANK EDWARD	Beadonwell, Belvedere, Kent.
1889 Nov. 26.	BEDINGFIELD, WALLER KING	4 Tichborne St., Leicester.
1889 May 21.	BELCHER, WILLIAM EDWARD GILBERT	Waterworks, Dalehead, Grasmere.
1890 Nov. 18.	BELL, ERNEST ARTHUR SEYMOUR, F.C.H.	Dunrobin, Eastbourne.
1887 Dec. 6.	BELLAMY, CHARLES VINCENT	P.W.D., Colombo, Ceylon.
1891 Jan. 13.	BENEST, FRANCIS EDWARD	{ 3 Hollywood Villas, Melrose Road, Southfields, S.W.
1889 Nov. 15.	BENNETT, GERALD WINZAR	The Close, Salisbury. [N.S.W.
1889 Feb. 5.	BENNETT, WILLIAM ALFRED	Roads and Bridges Dept., Sydney,
1887 Nov. 22.	BERINGER, OTTO LEOPOLD	Best & Sons, 10 Victoria St., S.W.
1889 Dec. 10.	BEVAN, PHILIP JAMES	6 Gt. College St., Westminster, S.W.
1890 Nov. 11.	BICKERSTETH, EDWARD CHARLES ..	28 Edleston Rd., Crewe.
1891 Mar. 17.	BILL, HERBERT EDWARD	Sun Foundry, Leeds.
1885 Dec. 1.	BINNIE, WILLIAM JAMES EAMES, B.A.	14 Campden Hill Gardens, W.
1889 Dec. 17.	BION, FREDERICK FLEETWOOD	Monghyr, Bengal.
1887 Feb. 8.	BIRD, SIDNEY JAMES	Archecliff Fort, Dover.
1889 Mar. 5.	BIRT, LASCELLES WILLIAM	20 Belsize Grove, N.W. [Free State.
1888 Jan. 31.	BISHOP, ARTHUR WILLIAM	Blomfontein Vaal River Ry., Orange
1888 Nov. 27.	BISS, CYRIL HOLM	Ry. Dept., Wellington, N.Z.
1887 Mar. 29.	BLACKER, JOHN RICHARD	2 Park Villas, Stillorgan, co. Dublin
1890 Dec. 16.	BLES, CHARLES MARCUS, B.Sc.	Eng.'s Off., G.W. Ry., Paddington, W.
1888 Feb. 7.	BLUCK, MONTAGUE THOMAS NELMES	Patricroft, Waldeck Rd., Ealing, W.
1887 Jan. 11.	BODEN, EDWARD GOULDEN	86 Arthur Rd., Brixton, S.W.
1887 Dec. 6.	BODY, JOHN BENJAMIN	Apartado de Correo 440, Mexico City.
1891 Mar. 17.	BOLDERO, WALTER	2 Grove Bank, Duffield Rd., Derby.
1885 Feb. 24.	BORLAND, ROBERT GORDON	47 Markham Square, Chelsea, S.W.
1890 Feb. 18.	BORRERO, VICTOR	Royal Indian Eng. Coll., Staines.
1890 Apr. 1.	BOSE, LALIT MOHAN	Nagpore, C.P., India.
1886 Dec. 14.	BOSMAN, WALTER	Gov. Rys., Maritzburg, Natal.
1888 Nov. 20.	BOTTLE, FRANK WALKER	37 Eastdown Park, Lewisham, S.E.
1889 Nov. 26.	BOWDEN, ERNEST NEWTON	Edge Lane, Stretford, Manchester.

Date of Admission.	STUDENTS.				
1888 Jan. 17.	BOWKER, JAMES ASHTON	..	..	..	Westleigh, Westgate-on-Sea.
1888 May 15.	BOWLES, LIONEL OLIVIER	..	..	..	{ Sr. Don Santamaria, Rubira 6, Lorca, Spain.
1887 Dec. 13.	BOWMAN, ERNEST VIVIAN	..	..	..	{ Central Ry., Victoria, Argentine Republic.
1891 Jan. 6.	BOWNESS, JAMES LORD	..	..	..	Town Hall, Newport, Mon. [N.S.W.
1890 May 6.	BRADFIELD, JOHN JOB CREW, B.E.	..	..	..	Roads & Bridges Dept., Sydney,
1888 Nov. 27.	BRADLEY, ARTHUR WALTER	..	..	..	Boro' Surveyor's Office, Burnley.
1889 Jan. 15.	BRADLEY, JAMES WILLIAM	..	..	..	Boro' Eng.'s Office, Leicester.
1890 Mar. 4.	BRADY, CHARLES HERMON CRAVEN	..	..	..	Bellesmere Ho., Cowbit, Spalding.
1885 Dec. 8.	BRADY, CHARLES ROBERT	..	..	..	Ash, near Sandwich, Kent.
1888 Nov. 13.	BRAGG, JAMES WOOD, B.A.	..	..	..	101 Grosvenor Road, S.W.
1888 May 15.	BRAMWELL, BALFOUR	..	..	..	{ 20 Beverley Ter., Cullercoats, Newcastle-on-Tyne.
1886 May 18.	BRAZIL, JOSEPH PETER	..	..	..	{ Monteagle House, Camberwell New Road, S.E.
1889 Feb. 5.	BREARLEY, FREDERICK THOMAS	..	..	..	Prescot Rd., St. Helen's, Lancs.
1889 Feb. 19.	BRINDLEY, HARRY SAMUEL BICKERTON	..	..	..	Norfolk Works, Sheffield.
1890 Nov. 11.	BRISTOW, ARTHUR GEORGE	..	..	..	3 Church Street, Bath.
1891 Feb. 10.	BRODIE, JOHN BOYD	..	..	..	Nervalstone, Beith, Ayr, N.B.
1886 Mar. 16.	BROOKS, ALBERT	..	..	..	107 Strand, W.C.
1887 Mar. 15.	BROWN, CHARLES SIDNEY VESEY	..	..	..	35 Barton St., West Kensington, W.
1887 Mar. 22.	BROWN, GEORGE GORDON	..	..	..	Lewis & Marks, Pretoria, Transvaal.
1889 Jan. 8.	BROWN, JOHN WALTER	..	..	..	25 Corrance Rd., Brixton, S.W.
1888 Feb. 21.	BROWN, PETER BOSWELL	..	..	..	Hadfield's Steel Foundry, Sheffield.
1889 Mar. 12.	BROWNE, GERALD MACLEAY	..	..	..	Roads & Bridges Dep., Albury, N.S.W.
1888 Dec. 18.	BROWNSWORD, ARTHUR	..	..	..	93 Brook Green, Hammersmith, W.
1891 Jan. 13.	BRUNTON, JOHN DU VALLON	..	..	..	17 Wilson Road, Camberwell, S.E.
1889 Mar. 12.	BRYDGES, JOHN KEMPE, A.K.C.	..	..	..
1887 Apr. 19.	BUCKLE, CLAUDE WILLIAM	..	..	..	Norton House, Chichester.
1888 Nov. 20.	BUCKNALL, HARRY	..	..	..	P.W.D., Colombo, Ceylon.
1891 Feb. 17.	BULFIN, IGNATIUS	..	..	..	136 York Rd., Lambeth, S.E.
1890 Jan. 21.	BULL, FRANCIS EDWARD	..	..	..	King, King & Co., Bombay.
1887 Nov. 8.	BULTEEL, HILLERSDEN	..	..	..	{ F. C. Central, Rosario de Santa Fé, Argentine Republic.
1887 Feb. 8.	BURDETT, GEORGE THOMAS	..	..	..	Eng.'s Off., Town Hall, Redhill.
1884 Nov. 25.	BURGESS, ARTHUR JOHN	..	..	..	St. Vincent's Ironworks, Bristol.
1888 Oct. 30.	BURGESS, WILLIAM EDWARD	..	..	..	66 Bromham Road, Bedford. [N.W.
1888 Jan. 31.	BURN, GEORGE FRANK	..	..	..	Grove Lodge, The Grove, Hampstead,
1891 Apr. 14.	BURNE, EDWARD LANCASTER	..	..	..	Wilmington, Crystal Palace Pk., S.E.
1889 Dec. 10.	BURNETT, CUTHBERT MILLER	..	..	..	Elmercroft, The Polygon, South'pton.
1890 May 20.	BURROUGH, EDWARD SAVILLE	..	..	..	Eanswythe, Thornton Heath.
1889 Feb. 19.	BUSCARLET, FRANCIS CHARLES	..	..	..	Chief Eng.'s Dept., Madras Ry.,
1890 Feb. 18.	BUTLER, HERBERT WILLIAM	..	..	..	Shire Hall, Shrewsbury. [Madras.
1887 Apr. 19.	CACCIA, JULIAN EDWARD	..	..	..	24 Via Gino Capponi, Florence.
1891 Feb. 3.	CALDER, JOHN, Wh.Sc.	..	..	..	66 Paisley Rd. West, Glasgow.
1884 Nov. 18.	CALDICOTT, ALFRED ERNEST	..	..	..	P.W.D., Colombo, Ceylon. [N.S.W.
1889 Dec. 3.	CALVERT, THOMAS COPLEY	..	..	..	Maybank, Manly Beach, Sydney,
1888 Mar. 6.	CAMPBELL, ALASTAIR MAGNUS	..	..	..	The Leys, Sedbergh, Yorks.
1889 Feb. 19.	CAMPBELL, ARCHIBALD GOWAN	..	..	..	1 Charlton Villas, Chelmsford.
1890 Nov. 18.	CAMPBELL, HENRY CHARLES BRABAZON	..	..	..	Priory Mans., Priory Park Rd., N.W.
1889 Jan. 15.	CANNAN, EDWARD	..	..	..	Airedale Mount, Bradford, Yorks.
1885 Dec. 15.	CANNING, ERNEST	..	..	..	1 Inverness Gardens, W.
1884 Nov. 25.	CAREW-GIBSON, JOHN GEORGE	..	..	..	{ Capt. Moseley, 34 Castlereagh St., Sydney, N.S.W. [stead, S.E.
1891 Feb. 24.	CARNEGIE, DAVID	..	..	..	Smnyside, Wrottesley Rd., Plum-
1890 Nov. 18.	CARR, JOHN FRANCIS	..	..	..	20 Francis Rd., Edgbaston, Birming-
1887 Mar. 29.	CARR, LAWRENCE STATTER	..	..	..	23 Redcliffe Gardens, S.W. [ham.
1890 Dec. 16.	CARTE, RALPH GEORGE	..	..	..	City Engineer's Office, Liverpool.
1887 Apr. 19.	CARTER, GEORGE FEARNLEY	..	..	..	Boro' Eng.'s Office, Leeds.
1889 Nov. 26.	CARTWRIGHT, FRANK	..	..	..	Albion Place, Bury, Lancs.

Date of Admission.	STUDENTS.	
1888 Feb. 14.	CATHER, GEOFFREY FREDRICK HENRY	Westport, co. Mayo.
1885 Apr. 28.	CATOR, DOUGLAS	Sandakan, Borneo. [Sheffield.
1891 Jan. 13.	CHAMPION, JOHN ROBERT	Dore & Chinley Ry., Totley Rise,
1887 Nov. 8.	CHAPMAN, THOMAS HOWARD	P.W.D., Badulla, Ceylon.
1887 Feb. 15.	CHARTERS, ROBERT HEARN	26 Princep St., Leicester.
1885 Dec. 22.	CHATTERTON, ALFRED, B.Sc.	Engineering College, Madras.
1886 Feb. 2.	CHATTERTON, BERTRAM	44 Rye Hill Park, S.E.
1886 Dec. 7.	CHODUCK, NAI SAI	{ H. E. Phya C. Raja Sattce, Bangkok. Siam.
1890 Nov. 18.	CHRIST, HARRY GEORGE, Wh.Sc. ..	32 St. Leonard's Avenue, Bedford.
1891 Mar. 17.	CHURCHILL, PERCILEON WINSTON ..	La Plaza Alta 10, Algeciras, Spain.
1891 Mar. 17.	CLAMP, ERNEST JOHN	Fernleigh, Wellington Rd., Charlton,
1889 Feb. 19.	CLARK, GEORGE HERBERT	3 Temple St., Aylesbury. [S.E.
1885 Dec. 1.	CLARKE, EDMUND	{ 30 Tuckett Chambers, Collins St., Melbourne, Victoria.
1885 Dec. 1.	CLARKE, EDWARD	37 St. Aubyn St., Devonport.
1886 Mar. 1.	CLARKE, FRANCIS PHILIP STAINTON ..	P.W.D., Sungei Ujong, S.S.
1889 Apr. 2.	CLARKE, LESLIE	132 Westbourne Terrace, W.
1889 May 21.	CLARKE, PETER	{ 2 Farebank Terrace, Farebank Rd., Dundee.
1889 Dec. 3.	CLAYPOOLE, ALBERT HENRY	Municipal Offices, Blackburn.
1890 Nov. 11.	CLAYTON, FRANK, F.C.H.	P.W.D., Ganges Canal, Rurki, India.
1887 Feb. 8.	CLAYTON, RICHARD HAWORTH	Ewbank House, Accrington.
1888 Jan. 24.	CLEMENCE, WALTER	31 Sinclair Gardens, W.
1891 Jan. 6.	CLEMENTS, GEORGE FINDLATER ..	Siemens Bros. & Co., Charlton.
1885 Dec. 1.	CLEMINSON, JOHN JAMES DAVIDGE ..	{ 9 New Broad St., E.C. [Catamarca, London.]
1887 Apr. 19.	CLEMINSON, WILLIAM HENRY DAVIDGE	{ 9 New Broad St., E.C. [Catamarca, London.]
1891 Jan. 13.	CLIREHUGH, STAMFORD VAIR	14 Ladbroke Terrace, W.
1890 May 6.	COBB, FREDERIC EDWARD THEODORE	Victorian Water Supply, Melbourne.
1888 Jan. 17.	COCHÉMÉ, ALFRED ERNEST	Chenab Weir, Khanki, Punjab.
1888 Oct. 30.	COCHRANE, JAMES HUBERT	Aldin Grange, Durham.
1889 May 14.	COCKBURN, JAMES STANHOPE	Pennoxstone Court, Ross, Hereford.
1889 Nov. 5.	COGHLAN, FRANCIS AUGUSTINE	83 Pitt St., Sydney, N.S.W.
1887 Jan. 25.	COLES, FRANCIS GEORGE	25 The Avenue, Southampton.
1888 May 15.	COLES, SHERARD OSBORN COWPER ..	95 Wigmore Street, W.
1890 Apr. 29.	COLLINS, ADRIAN CHARLES, A.K.C. ..	{ Nicholson & Jennings, 13 Victoria St., S.W. [Buenos Ayres.
1884 Feb. 26.	COLLINSON, ALFRED HOWE	F. C. del Sud, Estacion Canelas,
1891 Apr. 14.	COLLINSON, ARTHUR	11 Oxford St., Newcastle-on-Tyne.
1888 Dec. 11.	COLLYER, PERCY NICHOLSON	114 Bede Burn Rd., Jarrow-on-Tyne.
1890 Nov. 5.	COLYER, FREDERICK CHARLES	11 Butt's Hill, Frome, Somerset.
1890 Dec. 2.	CONRADI, JULES FERDINAND	10 Stanley View, Douglas, I. of Man,
1886 Feb. 22.	CONYERS, SIDNEY WARD	{ Ry. Construction Branch, Sydney. N.S.W.
1891 May 12.	COODE, CHARLES LOUIS	Royal Indian Eng. Coll., Staines.
1889 May 14.	COOPER, SAMUEL EDWARD	Railway, Castago, Costa Rica. [S.W.
1888 Nov. 27.	COPE, WILFERD ARTHUR	Town Surveyor's Off., Richmond,
1886 Nov. 2.	COPLAND, JOHN PEARSON	20 Sandyford Place, Glasgow.
1891 Feb. 10.	COPLAND, WILLIAM ROBERTSON, Jun.	20 Sandyford Place, Glasgow.
1890 Mar. 4.	CORBETT, PATRICK JOSEPH	Royal Indian Eng. Coll., Staines.
1891 Jan. 27.	CORDEROY, HAROLD, B.Sc.	13 Camden Square, N.W.
1885 Nov. 10.	CORIN, WILLIAM	182 Devonshire Rd., Forest Hill, S.E.
1891 Feb. 3.	COUTTS, ERNEST GRAY	King, King & Co., Bombay.
1887 Dec. 6.	COX, ALFRED GLANVILLE	Presdales, Ware, Herts.
1888 Nov. 13.	COX, FREDERICK NUTTER	Post Office, Lahore, India.
1888 May. 8.	COXE, RICHARD KNIGHTLEY	St. Catherine's, Leatherhead.
1889 Nov. 26.	CRABTREE, WALTER ROBINSON, B.Sc.	Zetland House, Southport.
1889 May 14.	CRACKNELL, RICHARD JOHN	50 Finsbury Park Road, N.
1888 Feb. 14.	CRAVEN, ARTHUR JULIUS, R.E. ..	Brompton Barracks, Chatham.
1886 May 11.	CRAWTER, FRANK WHINFIELD	Turner's Hill, Cheshunt.
1891 Feb. 10.	CRIGHTON, CHARLES	22 Buckingham Road, Brighton.

Date of Admission.	STUDENTS.	
1884 Feb. 26.	CROOK, JOHN ROWLAND	Hong Kong.
1886 Dec. 21.	CROWTHER, THOMAS BURNSIDE ..	F. C. del Sud, Buenos Ayres.
1888 Feb. 14.	{CUFFE, OTWAY FORTESCUE LUKE WHEELER.. .. .}	P.W.D., Mandalay, Burma.
1888 Jan. 17.	CUMMING, ERNEST ALFRED.. ..	{Australian Land Co., 13 Leadenhall St., E.C.
1889 Dec. 17.	{CUNLIFFE-OWEN, HUGO VON REITZEN- STEIN}	2 The Residences, So. Kensington Museum, S.W.
1890 Jan. 21.	CURRIE, ARCHIBALD, Jun.	W. Highland Ry., Inverarnan, N.B.
1886 Nov. 23.	CURRIE, HARRY AUGUSTUS FREDERICK	King, King & Co., Bombay.
1885 Nov. 10.	CUST, LEOPOLD	3 Park Ter., Govan, Glasgow.
1887 Nov. 8.	CUTBILL, HARRY WALLACE	Casilla 105, Cordoba, Argentine Re- [public.
1885 Feb. 24.	DAKIN, EDWIN	The Laurels, Elton by Ince, Chester.
1891 Mar. 17.	DANA, ROBERT WASHINGTON, B.A.	325 Vauxhall Bridge Road, S.W.
1885 Dec. 8.	DANIELL, THOMAS CECIL	East Hill, Colchester.
1889 Jan. 22.	DARBY, WILLIAM REGINALD	11 Warrington Pl, Dublin. [N.S.W.
1888 Oct. 30.	DARE, HENRY HARVEY, B.E.	Lugar Brae, Waverley, Sydney,
1884 Nov. 18.	DAVENHILL, RICHARD SMITH	G.W. Ry., South Brent, Devon.
1889 Feb. 19.	DAVENPORT, VIVIAN EDWARD	30 Montpellier Crescent, Brighton.
1888 Dec. 18.	DAVEY, GEORGE REGINALD	13 Hill Park Crescent, Plymouth.
1888 Nov. 20.	DAVIES, JOHN THOMAS LLEWELLYN ..	Observatory Hall, Milford Haven.
1888 May 15.	DAVIES, PERCY WILLIAM THOMAS ..	Brisbane, Queensland.
1888 Feb. 14.	DAVIS, GEORGE ALEXANDER	Central Jail, Buxar, Bengal.
1885 Nov. 10.	DAVIS, MILES LEONARD	Westeross, Swansea.
1889 May 21.	DAVIS, WILLIAM JOSEPH BREMNER ..	G. W. Ry. Widening, Maidenhead.
1884 Nov. 4.	DAVY, JOHN	28 Granville Rd., Stroud Green, N.
1890 Nov. 18.	DAWNAY, OSMOND	{Shevocke, Peckham Rye Common, S.E. [Pk., N.
1888 Oct. 30.	DAWNEY, ALBERT EDWARD	Nithsdale, Bethune Rd., Amhurst
1887 Dec. 6.	DAWSON, FREDERIC JOHN	F. C. del Sud, Buenos Ayres.
1886 May 11.	DAWSON, GEORGE HERBERT	Asst. City Engineer, Vancouver, B.C.
1888 Nov. 27.	DAWSON, JOHN SMITH	Boro' Eng.'s Office, Leicester.
1888 Nov. 27.	DEBENHAM, FRANK BRIDGEWATER ..	Cheshunt Park, Herts.
1888 Jan. 24.	DENHAM, HERBERT BOULTON	5 Yerburg Rd., Tufnell Park, N.
1890 Apr. 22.	DEVEY, ARTHUR CHARLES.. ..	Soci��t�� Hermite, 4 Rue Drouot, Paris.
1887 Nov. 8.	DICEY, EDWARD CHARLES	Egremont, Sidcup.
1887 Feb. 22.	DIXON, FREDERIC BRERETON	17 Morland Road, Croydon.
1889 Nov. 26.	DIXON, ROBERT BLAND	Barry Lodge, Barry Rd., E. Dulwich.
1890 Nov. 18.	DIXON, STEPHEN MITCHEL, B.A. ..	172 York Road, King's Cross, N.
1889 Feb. 5.	DOBSON, AUSTIN ARTHUR GREAVES..	Harbour Works, Buenos Ayres.
1888 Feb. 21.	DODS, JOSHUA CHALMERS	{Read & Campbell, S. Juan de Letran 4, Ciudad de Mexico, Mexico.
1889 Apr. 2.	DOUGLAS, ALEXANDER SHARP	Ardmore, Dumbartonshire.
1891 Mar. 3.	DOUGLAS, GORDON	2 Clifton Villas, Launceston.
1889 May 21.	DOUGLAS, SHOLTO HYDE WHYTE ..	{Linton Lodge, Lordship Lane, Stoke Newington, N.
1889 Mar. 26.	DRAYNER, WILLIAM	87 The Grove, Camberwell, S.E.
1890 Apr. 22.	DRIEBERG, JAMES ALFRED GRENIER	{T. O. Niven, 131 West Regent St., Glasgow.
1886 May 11.	DRUMMOND, ARTHUR LENNOX	864 Sherbrooke St., Montreal, Canada.
1889 Dec. 10.	DRUMMOND, HAWTREY MARKS	{F. C. del Sud, Villa Constitucion, Santa F��, Argentine Republic.
1890 Nov. 18.	DRURY, RICHARD FREDERICK	P.W.D., Hong Kong.
1889 Nov. 26.	DUDIN, HENRY WILLIAM	12 Holmesdale Rd., Sevenoaks.
1890 Nov. 25.	DUNSCOMBE, NICHOLAS	Boro' Surv.'s Office, Cheltenham.
1886 Mar. 8.	DURLEY, RICHARD JOHN, B.Sc. ..	24 Leicester Street, Hull.
1891 Mar. 17.	DYKES, ALFRED HERBERT	3 Mount Terrace, Charlton.
1885 Dec. 15.	EASTON, WALTER JOHN	Park St., Hatfield.
1891 Jan. 27.	EBBS, WILLIAM HARVEY	Beetaloo, South Australia.
1889 Nov. 26.	EDMONDSON, JOHN ALFRED	16 Fenton Street, Leeds.

Date of Admission.	STUDENTS.	
1885 Nov. 3.	EDWARDS, WILLIAM JAMES	37 The Walk, Cardiff.
1890 Apr. 22.	EFFLATOUN, MOHAMED, <i>Bey</i>	Shonbrah, Cairo, Egypt.
1886 Dec. 14.	ELLINGTON, GUY	12 Kingdon Rd., W. Hampstead, N.W.
1888 Mar. 13.	ELLIOT, CLARENCE MOWBRAY	F. C. del Sud, Buenos Ayres.
1890 Dec. 9.	ELLIOT, EDWARD FRANKLYN	71 Claremont Rd., Forest Gate, E.
1889 Nov. 15.	ELLIOTT, HARRY HORNE	Wynberg, Cape Colony.
1890 Nov. 18.	ELLIS, BERTRAM WYBURN	{ New Gas Co., Casilla 765, Calle Alsina 1169, Buenos Ayres.
1890 Dec. 2.	ELLIS, SOMERS HOWE	King's College, Strand, W.C.[Spain.
1887 Dec. 6.	EMERSON, AMBROSE, JUN.	F. C. Algeciras, Ronda, Malaga,
1885 Nov. 10.	ENGLISH, BERTRAM WILLIAM	The Firs, Princes Rd., Lewisham, S.E.
1887 Dec. 13.	ENNIS, ARTHUR FREDERIC	38 Brailsford Road, Brixton, S.W.
1887 Nov. 22.	ENNIS, THOMAS FREDERICK	Gas Light & Coke Co., Nine Elms, S.W.
1889 Apr. 30.	ERICHSEN, FREDERIK OLE	Grove Cottage, Upper Tooting, S.W.
1890 May 6.	ESTCOURT, ARTHUR JOHN	Wellington Cottages, Chelmsford.
1890 Nov. 18.	ESTLER, PAUL TRAUGOTT JULIUS ..	Godfrey Ho., Godfrey Hill, Woolwich.
1891 Apr. 28.	EVERARD, FRANCIS OVER	4 Albert Rd., Harborne, Staffs.
1887 Jan. 25.	EVINGTON, HERBERT	16 Barnston Street, Hull.
1887 Nov. 22.	FADELLE, JOSEPH EDWARD, A.K.C.	Roseau, Dominica, West Indies.
1889 Dec. 10.	FAIRGRIEVE, EDGAR HUNTER, B.Sc. ..	40 Marchmont Crescent, Edinburgh.
1891 Mar. 17.	FAITHFULL, FERDINAND FORTESCUE	Singapore, S.S.
1889 Nov. 5.	FALKENSTEIN, CONRAD KRAUSS	{ Homeleigh, Lauercost Rd., Tulse Hill Pk., S.W.
1889 Nov. 26.	FARQUHARSON, THOMAS, B.Sc.	3 Scotswood Terrace, Dundee.
1889 Dec. 3.	FARR, CLINTON COLERIDGE, B.Sc. ..	{ St. Luke's Parsonage, Adelaide, So. Australia.
1891 Feb. 10.	FARRELL, RICHARD CRAIG	85 Glassford St., Glasgow.
1886 May 18.	FARRINGTON, WILLIAM	Town Hall, Hoyland Nether, Barns-
1889 Apr. 2.	FAWCETT, EDMUND ALDERSON SANDFORD	13 Victoria Street, S.W. [ley.
1890 Apr. 22.	FERGUSON, JOHN	5 Albert Place, Stirling.
1885 Oct. 27.	FESTA, GIULIO	Rio Grande do Sul Ry., South Brazil.
1890 Mar. 4.	FINLAISON, HARRY GLEN	Royal Indian Eng. Coll., Staines.
1886 Jan. 26.	FISHER, FREDERICK HOPE	{ Central Ry., Rosario, Argentine Re- public.
1889 Nov. 5.	FITZGERALD, GEORGE LIONEL	San Fernando, Trinidad.
1886 May 18.	FLEMYNG, MALCOLM CUMBERNAULD ..	41 Abbey Gds., St. John's Wood,
1889 May 14.	FLETCHER, BERNARD MORLEY	12 Trevor Square, S.W. [N.W.
1889 Nov. 5.	FLETCHER, HENRY LAVINGTON	Fairfield, Alderley Edge.
1890 Apr. 15.	FLETCHER, PATRICK	{ R. E. Brounger, Bloemfontein, Orange Free State.
1890 Apr. 29.	FLETCHER, ROBERT ALEXANDER	{ R. E. Brounger, Bloemfontein, Orange Free State.
1885 Dec. 1.	FLOWER, LAMOROCK, Jun.	48 Holland Road, Kensington, W.
1885 Dec. 15.	FORD, CHARLES FREDERICK VERNON	{ M. S. & L. Ry., London Road, Man- chester.
1886 Dec. 7.	FORD, THOMAS WHARTON	49 Fellows Rd., Hampstead, N.W.
1891 Feb. 10.	{ FORREST, WILLIAM ROBERTSON } LIDDERDALE	Eng.'s Office, N.E. Ry., Darlington.
1891 Feb. 17.	FORRESTER, ARTHUR LIVESEY	L. T. & S. Ry., Hornchurch, Essex.
1884 Feb. 5.	FOSTER, HENRY LLEWELLYN THOMAS	{ Westminster Electric Supply Cor- poration, Victoria Mansions, S.W.
1888 Dec. 4.	FOSTER, JOHN FRANCIS	8 Ponsonby Av., Antrim Rd., Belfast.
1888 Nov. 27.	FOWLER, COLIN PROUD	Ribble Navigation, Lytham, [Thames.
1890 Nov. 18.	FOX, FRANCIS DOUGLAS, B.A.	Coombe Springs, nr. Kingston-on-
1888 May 15.	FOX, JOHN RICHARD STRATFORD	{ F. C. Rosario, Casilla 104, Buenos Ayres.
1888 Nov. 20.	FRASER, ALEXANDER	Schmiedegasse 4, Freiberg, Saxony.
1888 Nov. 27.	FRERE, FRANK HORACE, A.K.C.	27 Denmark Hill, Wimbledon.
1887 Dec. 6.	FURNESS, GEORGE JAMES	{ 30 Via al Monte Pellegrino, Palermo, Sicily.

Date of Admission.	STUDENTS.			
1886 Mar. 30.	GAGE, JOHN FRANKLIN	..	..	Clark & Co., Mendoza, Argentine Rep.
1890 Mar. 4.	GAHAGAN, EDWIN GEORGE	..	..	Royal Indian Eng. Coll., Staines.
1890 Dec. 2.	GAIT, GEORGE WILLIAM	..	..	5 Merthyr Road, Barnes.
1889 Nov. 15.	GALE, ARTHUR ROBERT	..	..	17 Stansfield Rd., Brixton, S.W.
1889 Feb. 5.	GALE, WILLIAM MORRIS	..	..	18 Huntley Gds., Kelvinside, Glasgow.
1891 Mar. 3.	GARDNER, JOHN WISHART FAIRLIE	..	..	Crosshill St., Lennoxtown, Glasgow.
1887 Nov. 22.	GASK, PERCY TILLSON	..	..	29 Victoria Crescent, Eccles, M'chtr.
1886 Dec. 14.	GELSTON, ROBERT	..	..	74 George Street, Limerick. [Kong.
1884 Oct. 14.	GIBBS, LAWRENCE	..	..	Surveyor's Office, P.W.D., Hong
1886 Mar. 8.	GIBBS, ROBERT TYNDALL	..	..	Rectory, Clyst St. George, Topsham.
1888 Feb. 14.	GIBSON, GEORGE LAMBERT	..	..	District Ry., Kirkcaldy, N.B.
1890 Nov. 18.	GILBERT, WILLIAM, Wh.Sc.	..	..	239 Gt. Cheetham St., Manchester.
1888 May 1.	GILL, CHARLES, Jun.	..	..	Java Lodge, Beckenham, Kent.
1889 Nov. 5.	GILL-JENKINS, DANIEL	..	..	Camborne, Cornwall.
1890 Jan. 21.	GIVEN, ERNEST CRANSTON	..	..	The Grange, St. Michael's, Liverpool.
1890 Feb. 11.	GLOVER, GEORGE TERTIUS	..	..	122 King's Rd, Chelsea, S.W. [N.B.
1885 Nov. 3.	GLOVER, THOMAS, Jun.	..	..	Steel Works, Calderbank, Airdrie,
1886 Jan. 26.	GODDEN, HARRY LUTTRELL	..	..	{ 2 Eastcombe Villas, Charlton Road, Blackheath, S.E.
1886 Dec. 21.	GODFREY, FREDERICK WILLIAM	..	..	79 Vincent Sq., Westminster, S.W.
1889 Feb. 5.	GODFREY, ISAAC BERNARD	..	..	Boro' Surveyor, Droitwich.
1883 Dec. 4.	GOMEZ, PEDRO JUAN	..	..	35 Calle de Murguia, Cadiz.
1890 Dec. 9.	GONSALVES, GEORGE	..	..	12 St. John's Pk., Highgate Hill, N.
1888 Feb. 7.	GOODMAN, JAMES	..	..	Waterworks, Brentford.
1889 Apr. 16.	GOODMAN, RICHARD	..	..	{ Harrington Cottage, Kew Bridge Road, Brentford.
1887 Dec. 6.	GOSTLING, HERBERT CHARLES	..	..	{ F. Simpson, Casilla 144, G.P.O., Buenos Ayres.
1889 Mar. 5.	GRANT, JOHN BURLINSON	..	..	G.W.Ry., Ivybridge, South Devon.
1885 Nov. 17.	GRAY, HENRY HOLMES	..	..	The Firs, Claygate, Surrey. [Kew.
1887 Dec. 6.	GREEN, GEORGE WILLIAM	..	..	3 Sandhill Villas, Sandycroft Rd.,
1885 Feb. 24.	GREEN, ROBERT HARRY MORRIS	..	..	Calle Piedad 205½, Buenos Ayres.
1888 Jan. 17.	GREENWELL, EDWIN WALTER	..	..	5 Park Place East, Sunderland.
1888 Jan. 17.	GREGORY, JOHN MARCHMONT	..	..	H. S. King & Co., 65 Cornhill, E.C.
1884 Feb. 26.	GREG'SON, GEORGE LEOPOLD	..	..	Elwell-Parker, Wolverhampton.
1890 Jan. 28.	GREGSON, WILLIAM BRICE	..	..	P.W.D., Colombo, Ceylon.
1886 Nov. 2.	GRIERSON, JAMES	..	..	4 Holland Villas Road, W.
1890 Nov. 18.	GRIFFITHS, WILLIAM JOHN	..	..	61 Sinclair Rd., West Kensington, W.
1886 Dec. 14.	GRIMSHAW, FREDERICK HENRY	..	..	The Rookery, Darwen, Lancashire.
1887 Mar. 22.	GROVE, EDMUND PHILIP	..	..	18 Selwood Pl., S. Kensington, S.W.
1890 Dec. 16.	GROVE, EDWARD LONG	..	..	B. Latham, 13 Victoria St., S.W.
1888 Jan. 24.	GUEST, RICHARD, Jun.	..	..	5 St. Mary's Grove, Barnes, S.W.
1890 Dec. 16.	GULIAN, HECTOR FREEMAN	..	..	{ T. H. Harrison, Central Bldgs., No. John St., Liverpool.
1888 May 8.	GUYATT, THOMAS ALEXANDER	..	..	Gas Works, Monte Video.
1889 Dec. 10.	HALL, LEONARD GEORGE	..	..	3 The Crescent, Carlisle.
1887 Nov. 22.	HAMER, WILLIAM HENRY	..	..	Dock Office, Hull.
1888 May 8.	HAMILTON, HAROLD JOHN	..	..	Straits Trading Co., Singapore, S.S.
1887 May 24.	HAMOND, FRANK EDWARD	..	..	48 Bernard St., Russell Sq., W.C.
1889 Apr. 2.	HANCKEL, ROBERT STUART	..	..	Pex Hill, near Prescot, Lanes.
1891 Feb. 24.	HARBOTTLE, JOHN, Wh.Sc.	..	..	Owens College, Manchester.
1889 Mar. 19.	HARDAKER, ALFRED EDWIN	..	..	J. J. Webster, 67 Lord St., Liverpool.
1888 Jan. 31.	HARDING, ROBERT GUSTAVUS	..	..	La Chaumière, Trouville-sur-Mer.
1888 Feb. 21.	HARDMAN, ERNEST WILLIAM	..	..	L. & Y. Ry., Hunts Bank, Manchester.
1889 Feb. 12.	HARRIS, JOHN PARKER	..	..	Kingsbury, South Norwood Hill, S.E.
1886 Mar. 1.	HARRISON, JOHN FREDERICK	..	..	12 Castle Gate, Newark, Notts.
1885 Dec. 1.	HARRISON, OCTAVIAN JOHN ALFRED	..	..	76 Holland Road, Kensington, W.
1891 Jan. 27.	HART, GEORGE ADAM	..	..	Walmersley Rd., Bury, Lanes.
1891 Feb. 10.	HART, PATRICK CAMPBELL	..	..	25 Hamilton Park Terrace, Glasgow.

Date of Admission.	STUDENTS.	
1891 Feb. 10.	HART, THOMAS	Agencia de Tharsis, Huelva, Spain.
1888 Dec. 4.	HARVEY, FRANCIS JOSEPH	70 Nelson St., Manchester.
1885 Dec. 1.	HARVEY, THOMAS FRANCIS	Purland Chase, Ross, Hereford.
1887 Mar. 22.	HATT, JOHN JOSEPH	{ Goulden & Co., Woodfield Works, Harrow Rd., W.
1889 Feb. 19.	HAWKER, THEOPHILUS JAMES	{ 2 Sandon Ter., Harrowby Rd., Grant- ham. [Oporto.
1888 Oct. 30.	HAWKINS, HAROLD	Silva & Cosens, Villa nova de Gaia,
1889 Nov. 26.	HAWKINS, PERCY	5 Rochester Ter., Camden Rd., N.W.
1884 Nov. 25.	HAYWARD, ROBERT FRANCIS	Arc Works, Chelmsford.
1888 May 1.	HAYWARD, THOMAS, A.K.C.	Midland Ry., Jhansi, India.
1888 Feb. 21.	HEAD, D'ESTERRE PRITIE	Kinawley, Ballyconnell, co. Cavan.
1888 May 15.	HEANLEY, JOHN, Jun.	31 Tavistock Square, W.C.
1890 Mar. 18.	HEAP, JAMES HENRY	Royal Indian Eng. Coll., Staines.
1888 May 15.	HEATHCOTE, CHARLES FRANCIS, A.K.C.	Castra, Devon, Tasmania.
1890 Feb. 25.	HEATHCOTT, JOHN, B.Sc.	Vernon Cottage, Chapel-en-le-Frith.
1891 Feb. 10.	HEATON, FREDERICK GEORGE	King Street, Wigan.
1886 Nov. 2.	HEATON-ELLIS, SYDNEY THOS. EDW.	Clovelly, New Barnet, Herts.
1887 Feb. 1.	HEDGES, JOHN JOSEPH	44 Cambridge St., Aylesbury.
1890 Mar. 11.	HENDERSON, GILBERT REGINALD	Briarghyll, Maritzburg, Natal.
1889 Feb. 5.	HENRIQUES, EDGAR HENRY QUIXANO	Hope House, Kersal, Manchester.
1888 May 15.	HENSHAW, HAROLD ALEXANDER	66 Frederick Place, Plumstead.
1889 Feb. 12.	HERIOT, GERALD MAITLAND	2 Old Palace Yard, S.W.
1885 Feb. 3.	HICKS, WILLIAM GOATLEY	Ascot Gas Co., Sunninghill, [N.S.W.
1890 Mar. 4.	HICKSON, GEORGE FORSTER	Roads & Bridges Dept., Sydney,
1889 Nov. 26.	HILL, EDMUND LEWIN	21 Gt. College St., Westminster, S.W.
1885 Apr. 28.	HILL, JOSEPH BALL	1129 Calle Piedad, Buenos Ayres.
1889 Nov. 15.	HILLS, HARRY JAMES	27 Park Rd., New Wandsworth, S.W.
1886 Nov. 23.	HINDE, WILLIAM HENN	Overhead Ry., James St., Liverpool.
1885 Nov. 10.	HOBBS, CHARLES JAMES	9 Kensington Gardens Sq., W.
1888 Nov. 27.	HOBLEY, CHARLES WILLIAM	Chilvers Coton, Nuneaton.
1889 Dec. 17.	HODGE, EDWARD CHARLES	Magdala House, Buckhurst Hill.
1889 Apr. 16.	HODSON, FREDERICK WALTER	{ Abbey Bldgs., Princes St., Westmin- ster, S.W.
1890 Nov. 18.	HOFFMANN, ISIDORE	Fair View, Didsbury, Manchester.
1888 Nov. 20.	HOLLIDAY, JOHN	Gas & Waterworks, Carlisle.
1887 Jan. 25.	HOLT, FOLLETT	{ F. C. Rosario, Campana, Argentine Republic.
1890 Feb. 25.	HOLT, ROBERT, Wh.Sc.	1 Oxford Street, Liverpool.
1884 Nov. 18.	HOPPER, ARTHUR EDWIN	20 Thornhill Gds., Sunderland.
1886 Dec. 7.	HORE, PERCY PHILIP	23 Queen Anne's Gate, S.W.
1886 Dec. 7.	HORNE, ERNEST WORTHY	Beulah Spa, Norwood, S.E.
1891 Mar. 17.	HOSKEN, ARTHUR FAYRER	6 Chobham Road, Stratford, E.
1888 Jan. 24.	HOVIL, FRANK	{ London & Brazilian Bank, Caixa 99, Bahia, Brazil. [Madras.
1888 Jan. 17.	HOWARD, WILLIAM HENRY KER	East Coast Ry. Survey, Waltair,
1885 Jan. 20.	HOWITT, WILLIAM CHARLTON	Dist. Eng., Euroa, Victoria.
1890 Jan. 21.	HOWLEY, WILLIAM JOHN	Gannavaram, Godaveri Dist., Madras.
1889 Feb. 12.	HUDDART, JOHN	3 Sunny Bank, Lyncombe Vale, Bath.
1888 Apr. 10.	HUGHES, EDWARD MORGAN	66 Canning St., Liverpool.
1889 Mar. 5.	HULL, HENRY ADIN	2 Albert Rd., Regent's Pk., N.W.
1888 Nov. 20.	HULL, PERCY WINSTANLEY	Ecclesburn, Bournemouth.
1889 Mar. 19.	HULME, EDWIN	J. J. Webster, 67 Lord St., Liverpool.
1889 Apr. 2.	HUMMEL, HORACE JAMES JORDAN	Ashlynn, Albemarle Rd., Beckenham.
1887 Jan. 11.	HUMPHREY, HERBERT ALFRED	Brunner, Mond & Co., Northwich.
1891 Feb. 10.	HUMPHREYS, HENRY HOWARD	Ship Canal, Irlam, Manchester.
1885 Nov. 10.	HUNT, EDWARD	F. C. del Sud, Buenos Ayres.
1887 Jan. 25.	HUSKISSON, WILLIAM MARSHALL	127 Ladbroke Grove, W.
1891 Mar. 3.	HUTCHINS, FREDERICK	Maria Villa, Peckham Rd., S.E.
1887 Apr. 19.	HUTCHINSON, WILLIAM HAINES	Rowley Avenue, Stafford.
1891 May 5.	HUTCHISON, GEORGE LEAN, B.Sc.	6 Belhaven Terrace, Glasgow.
1889 Nov. 26.	HUTTON, STANLEY PAGE	51 Longridge Rd., Earl's Court, S.W.
1890 Feb. 18.	HUTTON, WILLIAM	Royal Indian Eng. Coll., Staines.

Date of Admission.	STUDENTS.		
1890 Jan. 21.	INGHAM, WILLIAM	.. .. .	7 Mill St., Lower House, Burnley.
1890 Nov. 11.	IVES, HARRY WILLIAM MACLEAN	..	P.W.D., Ludhiana, Punjab.
1884 Nov. 25.	JACKSON, GEORGE FREDERICK	.. ..	The Retreat, Brockley Hill Pk., S.E.
1888 May 8.	JACOB, CHARLES RYDER	.. ..	H.M.S. "Dreadnought," Malta.
1884 Nov. 25.	JACQUES, HERBERT INNIS	.. ..	5 Marine Parade, Gravesend.
1888 May 8.	JAMES, ARTHUR CHARLES	.. ..	Boro' Eng.'s Office, Cambridge.
1886 Nov. 23.	JAMESON, HENRY BENTLEY	.. ..	Govt. Rys., Maritzburgh, Natal. [W.]
1889 Nov. 15.	JAMESON, FREDERICK ALEXANDER	..	18 Stanwick Rd., W. Kensington,
1889 Dec. 17.	JEFFERIS, ROWLAND JOHN	.. ..	44 Beaufort Rd., Birmingham.
1890 Nov. 11.	JENKINSON, WILLIAM ERIC LEIGH	..	Roslin, Palace Rd., Tulse Hill, S.W.
1890 Nov. 11.	JOHNS, PERCY	.. .. .	Town Hall, Torquay.
1891 Jan. 13.	JOHNSON, CHARLES THOMPSON	..	37 Hartingdon Rd., Stockton-on-Tees.
1891 May 12.	JOHNSON, CLAUDE WHATELY	.. ..	Royal Indian Eng. Coll., Staines.
1888 Feb. 21.	JOHNSON, GEORGE WILLIAM	.. ..	47 Lincoln's Inn Fields, W.C.
1890 Mar. 25.	JOHNSON, PERCY ALEXANDER	.. ..	8 Woodstock Rd., Finsbury Park, N.
1889 Nov. 26.	JOHNSON, PETER WHITE	.. .. .	{ 5 West Albert Park, Sefton Park, Liverpool.
1887 Mar. 15.	JOHNSON, PHILIP HEBER	.. ..	Midland Ry., Derby.
1887 Mar. 15.	JONES, ARTHUR BROOKE	.. ..	Dartmouth Grove, Blackheath, S.E.
1889 Mar. 5.	JONES, HAROLD CECIL	.. ..	The Grange, Hooton, Cheshire.
1888 Dec. 4.	JONES, HARRY HERBERT	.. ..	Gas Works, Bombay.
1891 Apr. 14.	JONES, HUGH WILLIAM	.. ..	33 Stanwell Rd., Colchester.
1891 Feb. 17.	JOSEPH, LEONARD LIONEL	.. ..	56 Pembridge Villas, W.
1890 Feb. 18.	JUDD, CHARLES RICHARD	.. ..	Royal Indian Eng. Coll., Staines.
1887 Jan. 25.	JURD, HERBERT SIDNEY	.. ..	70 Gloucester Rd., Kew.
1889 Nov. 5.	KILBY, CHARLES HARVEY	.. ..	347 Camden Road, N.
1888 Nov. 27.	KILLON, HARRY BIRCH	.. ..	1 Bold Terrace, Chester. [N.S.W.]
1890 Nov. 11.	KING, CHRISTOPHER WATKINS	.. ..	Roads & Bridges Dept., Sydney,
1885 Dec. 1.	KINGDON, KING KIKU	.. ..	81b High St., Stourbridge, Worces-
1886 Nov. 30.	KIRKWOOD, JAMES HOWIE, B.Sc.	..	Westfield, Rutherglen, Glasgow. [ter.]
1890 Feb. 11.	KIRTON, COOPER NICHOL	.. ..	P. & O. Co., 122 Leadenhall St., E.C.
1887 Dec. 6.	KLOPP, GEORGE ONNO HOMFELD	..	133 Longmarket St., Cape Town, C.C.
1890 Nov. 18.	LAING, WILLIAM ARTHUR BAIRD	..	Glenord, Spylaw Rd., Edinburgh.
1888 Nov. 20.	LAMBERT, JOSHUA	.. ..	St. John's, Redhill, Surrey.
1888 Dec. 4.	LONDON, WILLIAM HENRY FITZROY	..	323 Vauxhall Road, Liverpool.
1888 Dec. 11.	LANE, STANLEY ARTHUR	.. ..	Richardson & Co., 4 Friday St., E.C.
1888 Nov. 20.	LANG, SYDNEY ASPLAND	.. ..	5 Melbury Ter., Harewood Sq., N.W.
1889 Nov. 5.	LAPWORTH, PERCY FRANCIS	.. ..	396 Glossop Rd., Sheffield.
1887 Oct. 25.	LA ROCHE, CHARLES AUGUSTUS	..	Harbour Board Offs., Auckland, N.Z.
1889 Feb. 19.	LASHMORE, ERNEST WARD	.. ..	95 St. Andrew's Rd., Southampton.
1889 Mar. 12.	LATIMER, HUGH HAUGHTON	.. ..	{ Perry & Co., F. C. Central, Villa Rica, Paraguay.
1889 May 21.	LAURENS, FRANK	.. ..	3 Windsor Crescent, Jersey.
1889 Dec. 10.	LAURIE, KENNETH SMALE	.. ..	{ W. Mold & Connah's Quay Ry., Wrexham.
1888 Feb. 7.	LAWSON, ALBERT WILLIAM	.. ..	Cheadle View, Lark Hill, Stockport.
1886 Dec. 21.	LAWSON, HENRY JOHN	.. ..	Fondadel Comercio, Salamanca, Spain.
1888 Jan. 17.	LAZENBY, ARTHUR	.. ..	Eastfield, Tiverton, Devon.
1889 Jan. 15.	LEFROY, ALFRED JAMES SHINE	.. ..	18 Francis Road, Birmingham.
1889 Apr. 2.	LEITCH, WILLIAM ORR, JUN.	.. ..	39 Ardgowan St., Greenock, N.B.
1886 Feb. 9.	LE MESURIER, HARRY HUNT PEVERIL	..	{ W. P. Buckham, 14 Bedford Row, W.C.
1891 Apr. 7.	LEWIS, JOHN THORPE	.. ..	Dore & Chinley Ry., Totley, Sheffield.
1891 Feb. 17.	LEWIS, LLEWELLYN WILLIAM	..	Royal Indian Eng. Coll., Staines.
1887 Jan. 25.	LEWIS, PERCY EDWARD	.. ..	{ Springdale, Macaulay Rd., Clapham Common, S.W.
1890 Nov. 11.	LEWIS, RALPH MORGAN	.. ..	19 Cranbury Place, Southampton.
1888 Dec. 4.	LINDSEY, EDWARD SARGINT	.. ..	1 Newport Terrace, Launceston.
1886 Nov. 2.	LINNELL, ALFRED JAMES	.. ..	Redstone Wood, Red Hill.
1891 Mar. 24.	LISTER, EDMUND ALGERNON CORYTON	..	Royal Indian Eng. Coll., Staines.

Date of Admission.	STUDENTS.			
1889 Mar. 12.	LIVESEY, ALFRED PERCIVAL	..	..	Broad St. Avenue, Blomfield St., E.C.
1888 Feb. 14.	LIVINGSTON, WILLIAM	..	..	14 Ann St., Edinburgh.
1887 Mar. 29.	LLOYD, CHARLES LEWIS	..	..	28 St. Ermin's Mans., Westminster, S.W.
1890 Nov. 11.	LÖBNITZ, HARRY CALDER	..	..	Clarence House, Renfrew, N.B.
1890 Feb. 4.	LOCHEAD, KERR, B.Sc.	..	..	Admiralty Works, Peterhead, N.B.
1887 Feb. 15.	LONG, FRANCIS MADDISON	..	..	H. Robinson, 13 Victoria St., S.W.
1888 Dec. 4.	LORDEN, FREDERICK LAMBERT	..	..	5 Great George Street, S.W.
1888 Nov. 13.	LOVEGROVE, ERNEST	..	..	{ Huntingdon Lodge, Benhilton, Sutton, Surrey.
1891 Feb. 10.	LUCAS, LEOPOLD DANIEL	..	..	55 Oxford Gardens, Notting Hill, W.
1887 Jan. 11.	LYELL, DAVID	..	..	Eng.'s Dept., G.E.Ry., Liverpool St.
1886 Nov. 23.	LYNAM, GEORGE TROTTER	..	..	Boro' Surveyor's Off., Burnley. [E.C.]
1888 Nov. 20.	MACANDREW, HAROLD	..	..	G.P.O., Broken Hill, N.S.W.
1886 Dec. 14.	MCCLURE, DONALD MARSH	..	..	W. Bank Ho., Heaton Mersey, Mchtr.
1887 Dec. 13.	MCCOWAT, GEORGE HUTCHESON	..	..	478 St. Vincent St., Glasgow.
1885 Oct. 27.	MCDONALD, GEORGE CHAMPION	..	..	Midland & G. N. Rys., Bourn.
1887 Mar. 8.	MACDONALD, MURDOCH	..	..	5 High Street, Inverness.
1886 Dec. 14.	MACGLASHAN, WILLIAM	..	..	A. A. Swan, Singapore, S.S. [U.S.]
1891 May 5.	MCGUIRE, JAMES CLARK	..	..	Ellicott City, Howard County, Md.,
1890 Mar. 11.	MCINTOSH, ALEXANDER	..	..	Royal Indian Eng. Coll., Staines.
1888 Nov. 13.	MCKENZIE, LESSEL STEPHEN	..	..	The Warren, Loughton, Essex.
1887 May 24.	MCKERROW, JOHN MUIR	..	..	Highfield, Ellesmere Pk., Eccles.
1889 Apr. 9.	McKIE, ERNEST PERCY	..	..	9 Bridge St., Westminster, S.W.
1890 Nov. 18.	MCLELLAN, DUGALD	..	..	Eekersley, Godfrey & Liddelow,
1890 May 20.	McMAHON, PETER VALENTINE	..	..	195 Clapham Road, S.W. [Athens.]
1887 Dec. 20.	McMILLAN, JAMES PETER	..	..	18 Brandon Terrace, Edinburgh.
1887 Feb. 22.	McMINN, ARTHUR CHARLES, JUN.	..	..	Western House, Kensal Green, W.
1889 Feb. 5.	McNAB, JAMES ARCHIBALD	..	..	12 Winkley Square, Preston.
1887 Dec. 13.	MADDOCK, PERCY WALTER	..	..	Towers, Kersal, Manchester.
1888 Oct. 30.	MAIR, JAMES, Wh.Sc.	..	..	39 Inverleith Row, Edinburgh.
1887 Nov. 8.	MALCOLMSON, JAMES WADDELL, Wh.Sc.	..	..	{ Negociacion de las Trojes, Angangués, Michoacan, Mexico.
1889 Apr. 16.	MANNING, GEO. WM. JOHN EARNEST	..	..	Local Board, Frome, Somerset.
1890 Dec. 2.	MANTON, ARTHUR WOODROFFE	..	..	Ship Canal, Latchford, Warrington.
1887 May 24.	MARKBY, WALTER	..	..	155 Westbourne Ter., W.
1889 Nov. 26.	MARKHAM, CECIL CARY	..	..	11 Cleveland Terrace, Darlington.
1888 Nov. 13.	MARKE, EDWARD CHARLES ROBERT	..	..	13 Temple St., Birmingham.
1887 Nov. 8.	MARRINER, WILLIAM WRIGHT	..	..	35 Glengall Rd., Isle of Dogs, E.
1890 Jan. 21.	MARRIOTT, D'ARCY	..	..	So. Indian Ry., Kadiri, Madras.
1888 Jan. 17.	MARSHALL, FRANK THEODORE	..	..	38 Percy Gardens, Tynemouth.
1890 Feb. 18.	MARSILY, WILLIAM EUGENE	..	..	Royal Indian Eng. Coll., Staines.
1885 Dec. 1.	MARSLAND, BENJAMIN	..	..	J. Robb, Ry., Cairns, Queensland.
1884 Apr. 22.	MARSTON, EDWARD HOWIS	..	..	15 Disraeli Rd., Forest Gate, E.
1891 May 5.	MARTIN, ERNEST BRANWHITE	..	..	Waterworks Eng.'s Office, Leeds.
1888 Nov. 27.	MARTIN, ERNEST METEOR	..	..	Hanwell, Middlesex.
1888 Feb. 14.	MARTIN, WALTER WADDELOW	..	..	Highfield House, Littleport, Ely.
1887 Mar. 22.	MARTINDELL, HERBERT EDWARD WEST	..	..	Govt. Eng. Coll., Secbore, India.
1886 Feb. 2.	MARTINEAU, LOUIS	..	..	4 South Rd., Clapham Park, S.W.
1887 Apr. 26.	MARTIN-LEAKE, RICHARD	..	..	Marshalls, Ware.
1886 Nov. 23.	MATHESON, FREDERICK JAMES	..	..	46 Clarendon Rd., Notting Hill, W.
1886 Nov. 2.	MATHEWS, CHARLES WILLIAM	..	..	P.W.D., Bangkok, Siam.
1886 Apr. 13.	MATTHEWS, JAMES NEWSOME	..	..	9 St. George's Villas, Doncaster.
1886 Nov. 23.	MAWSON, ERNEST OSCAR	..	..	Ahmednagar, Deccan, India.
1886 Dec. 7.	MAWSON, MATTHEW	..	..	Cornwall Ho., Humber Rd, Bl'kheath.
1889 May 21.	MAY, JOHN	..	..	29 Westmorland Rd., Newcastle-on-
1887 Mar. 22.	MAYES, ARTHUR ERNEST	..	..	P.W.D., Colombo, Ceylon. [Tyne.]
1891 Feb. 10.	MEAD, ARTHUR SAMUEL	..	..	Bank Buildings, Cardiff. [S.S.]
1888 May 1.	MEISCHKE-SMITH, WILLIAM, B.Sc.	..	..	Campbell & Co., Kwala Lumpor,
1889 Nov. 15.	MEURICOFFRE, GEO. ACHILLES, B.A.	..	..	H. Robinson, 13 Victoria Street, S.W.
1886 Jan. 26.	MILDRED, CHARLES	..	..	Cowtaram, Gudivada, Madras.
1888 Nov. 20.	MILES, HARRY POWELL	..	..	Engineer's Off., Midland Ry., Derby.
1891 Mar. 17.	MILLARD, BERTRAM GEORGE	..	..	Roads Office, Lithgow, N.S.W.

Date of Admission.	STUDENTS.			
1886 Mar. 1.	MILLER, HENRY MORLEY	.. ..	{	Freshford Villa, Richmond Hill, Clifton, Bristol.
1891 Mar. 3.	MILLER, ROBERT FAULDS	.. ..		10 Windsor Ter., Kelvinside, Glasgow.
1887 Dec. 6.	MILLER, WILLIAM AKERMAN	.. ..	
1887 Nov. 22.	MILLINGTON, JOHN STOTT	.. ..		92 Portland St., Southport.
1886 Nov. 23.	MILLS, GEORGE PILKINGTON	.. ..		15 Berkley St., Liverpool.
1887 Feb. 15.	MINCHIN, HUMPHREY ALEXANDER	.. ..		Dindigul, Madras.
1889 Mar. 12.	MIRUS, ERNEST LESLIE	.. ..	
1891 Jan. 6.	MITRA, NAGENDRANATH	.. ..		Sukdebpoore, Bengal.
1888 Nov. 27.	MITTELHAUSEN, CHARLES JULIUS ALFD	.. ..		28 Wood St., Woolwich.
1888 Feb. 14.	MOFFITT, WILLIAM TAYLOR	.. ..	{	133 Macquarie Street, Sydney, N.S.W.
1889 Jan. 15.	MOIR, ALEXANDER	.. ..		Ry. Office, Maritzburg, Natal.
1890 Mar. 4.	MONKHOUSE, GEORGE ARTHUR	.. ..		82 Carlisle Mans., Victoria St., S.W.
1888 Jan. 10.	MONTEATH, KENNETH MACLEWRIN	.. ..		7 Manor Place, Edinburgh.
1889 Mar. 5.	MOON, EDWIN JOHN	.. ..		165 Camberwell New Road, S.E.
1886 Dec. 7.	MOORE, ARTHUR FORD PILCHER	.. ..		Stanley House, Windsor.
1891 Jan. 20.	MOORE, GODFREY WILSON	.. ..		M. S. & L. Ry., Chesterfield.
1886 Nov. 2.	MOORE, KENTISH	.. ..		6 Lee Ter., Blackheath, S.E.
1890 Nov. 18.	MOORE, WILLIAM GOSLING	.. ..		13 Victoria Street, S.W. [zuela.
1883 Dec. 11.	MORISON, ROBERT BELLECHASSE	.. ..		Boulton & Co., Puerto Cabello, Vene-
1886 Mar. 30.	MORLEY, HERBERT WILLIAM	.. ..		54 Ash Grove, Bradford, Yorks.
1887 Feb. 8.	MORRIS, WILLIAM VANE	.. ..		36 Beverley Rd., Anerley, S.E.
1891 Feb. 10.	MORTON, HUGH JAMES	.. ..		Ardbeg, Cambuslang, Glasgow.
1890 Apr. 29.	MOTLEY, PHILLIPS BATHURST	.. ..		Stanley Ho., Teddington. [Lancaster.
1886 Dec. 21.	MOUNT, JOHN CHAPMAN	.. ..		The Ridleys, Wennington, near
1890 Dec. 2.	MUMME, ERNEST CHARLES ADAMS	.. ..		Ardgowan St. West, Greenock, N.B.
1889 May 14.	{ MUSGRAVE, HENRY ARTHUR FITZ- HERBERT .. ..	.. ..		Furzebank, Torquay.
1889 Jan. 22.	MUSPRATT, WALTER ELPHINSTONE	.. ..		Falkland, Nightingale Lane, S.W.
1891 Jan. 27.	MYBURGH, HENRY HAWKINS	.. ..		Heatherhurst, Wynberg, Cape Town, [C.C.
1886 Nov. 2.	NAIRN, GEORGE AVELING	.. ..		3 Hillside, Stonebridge, Willesden.
1889 Mar. 26.	NASH, WILLIAM GEORGE, JUN.	.. ..		2 Francis Grove, Wimbledon.
1886 Dec. 7.	NATHAN, FRANK EDWARD BERRA	.. ..		34 Alzaja Pavese, Milan, Italy.
1886 May 11.	NEWDIGATE, EDWARD	.. ..		27 Clarendon Sq., Leamington.
1887 May 24.	NEWMARCH, LEONARD JOHN	.. ..		Dist. Eng.'s Off., Cradock, Cape Colony.
1890 May 20.	NEWMAN, REGINALD WILLIAM	.. ..		4 Blakeney Avenue, Beckenham.
1890 May 13.	NEWTON, HENRY EDWARD	.. ..		14 Delahay St., Westminster, S.W.
1890 Jan. 21.	NICHOLL, JOHN CLARIDGE	.. ..	{	J. T. Helliwell, London Rd., Hazel Grove, nr. Stockport.
1889 Nov. 5.	NICOLLS, ARTHUR OLIVER	.. ..		Albany, Western Australia.
1884 Dec. 16.	NOCK, HARRY ARTHUR	.. ..		Delph Ho., Brierley Hill, Staffs.
1885 Feb. 3.	NORTH, MAJOR IBANKS KEPPEL	.. ..	{	F.C. del Sud de Santa-Fé y Cordoba, Casilla 1303, Buenos Ayres. [Glasgow.
1888 Dec. 11.	NORWELL, ALEXANDER	.. ..		128 Garthland Drive, Dennistoun,
1891 Apr. 21.	NYE, ARTHUR WILLIAM	.. ..		Nowarth, Shortlands, Kent.
1888 Oct. 30.	OAKES, CHARLES SHELLEY	.. ..		Parramatta, N.S.W.
1888 Nov. 20.	O'HARA, JAMES GEOFFRIE MUSGRAVE	.. ..		Rycroft Glen, Dore, Sheffield.
1884 Nov. 4.	O'REILLY, FRANCIS JOSEPH	.. ..		F. C. del Sud, Buenos Ayres.
1890 Feb. 4.	ORFORD, HENRY JAMES	.. ..		19 Priory Rd., So. Lambeth Rd., S.W.
1888 Nov. 13.	OSBORNE, FREDERICK CHARLES	.. ..	{	Northstead, Christchurch Rd., Tulse Hill, S.W.
1888 Nov. 13.	OUTRAM, FRANCIS DAVIDSON, R.E.	.. ..		Brompton Barracks, Chatham.
1885 Feb. 3.	PADDON, ARTHUR MATTHEWS	.. ..		Drymma, Nenth, Glynorgan.
1891 May 12.	PAGE, FRANK WATTS	.. ..		11 Cornwall St., Pinlicko, S.W.
1889 Feb. 5.	PAGE, SYDNEY ELLIOTT, Wh. Sc.	.. ..		Heatherbank, Woburn Sands.
1886 Nov. 23.	PALMER, EDWARD JAMES	.. ..		Gasworks, Linaere, Liverpool.
1891 Mar. 17.	PARKIN, ERNEST	.. ..		Springfield, Liversedge, Yorks.
1890 Apr. 22.	PARKMAN, PHILIP GEORGE WILLIAM	.. ..		Boro' Surveyor's Off., W. Bromwich.
1886 Nov. 2.	PARRY, RICHARD	.. ..		17 Parliament Street, S.W.

Date of Admission.	STUDENTS.			
1888 Nov. 27.	PATERSON, PERCY JOHN	..	..	Norfolk Ldge, Grange Pk., Ealing, W.
1889 Dec. 10.	PAULSON, JAMES CHRISTIAN	..	..	Delhi & London Bank, Calcutta.
1885 Nov. 17.	PAXON, HAROLD CHARLES	..	..	P.W.D., Selangor, S.S.
1885 Dec. 1.	PEACE, WILLIAM JOHN	..	..	Bedwellty Ho., Cardiff.
1885 Nov. 10.	PENSON, LEONARD	..	..	6 Hyde Rd., Eastbourne.
1889 May 14.	PERCIVAL, HAROLD STANLEY	..	..	Weston Point, Ship Canal, Runcorn.
1890 May 20.	{ PEREZ-SEOANE Y VILLA LOBOS, JOSEPH .. .. .	..	..	3 Glazbury Rd., West Kensington, W.
1886 Feb. 16.	PERFECT, ROBERT SPENCER	..	..	{ Albion Ironworks, Victoria, British Columbia.
1884 Dec. 16.	PICKERING, JOSEPH SPIERS	..	..	E. Warwick Waterworks, Nuneaton.
1890 Mar. 25.	PICTOR, NORMAN WILSON	..	..	9 New Broad Street, E.C. [S.E.]
1886 Mar. 16.	PINCHING, EDWARD	..	..	15 Allison Grove, Dulwich Common,
1888 Nov. 13.	PITOT, CHARLES LÉON EMILE	..	..	Port Louis, Mauritius.
1888 Dec. 4.	PLAYFAIR, WALTER	..	..	12 Woodside Terrace, Glasgow.
1889 Mar. 12.	POLE, JOHN WILLIAM	..	..	Town Surveyor's Office, Mansfield.
1888 Jan. 17.	POOLE, WILLIAM	..	..	87 Pitt St., Redfern, Sydney, N.S.W.
1889 Feb. 12.	POOLEY, HUBERT	..	..	Fairhome, Liscard, Cheshire.
1885 Mar. 24.	POPE, THOMAS, JUN.	..	..	{ Baston House, Netherhall Gardens, Hampstead, N.W.
1888 Nov. 13.	PORTSMOUTH, JOHN	..	..	6 Gt. College St., Westminster, S.W.
1884 May 20.	POTTS, HARRY TURNER	..	..	G. E. Ry. Works, Stratford, E.
1890 Nov. 18.	POULDEN, GEORGE EDWARD LUTHER	..	..	Fylton Lodge, Blackheath, S.E.
1888 Feb. 21.	POWNALL, JOHN	..	..	Winston, North Carolina, U.S.
1887 Oct. 25.	PREBBLE, ERNEST	..	..	L. & N. W. Ry., Watford.
1889 Feb. 12.	PREECE, ARTHUR HENRY	..	..	Gothic Lodge, Wimbledon.
1889 Feb. 12.	PREECE, WILLIAM LLEWELLYN	..	..	Telegraph Dept., Midland Ry., Derby.
1889 Dec. 3.	PRESTON, FREDERICK CHARLES	..	..	9 Normanby Ter., Gateshead-on-Tyne.
1887 Apr. 19.	PREW, EDWARD JOHN	..	..	{ Bowes Scott & Western, 3A Cuadra de Lampa, Lima, Peru.
1887 Dec. 13.	PRICE, ARTHUR BOYD	..	..	Kashmir Rd., <i>via</i> Rawal Pindi, India.
1887 Jan. 25.	PRITCHARD, ARTHUR WILLIAM	..	..	347 Bristol Road, Birmingham.
1891 Feb. 10.	PRITCHARD, PHILIP MORRIS	..	..	Forth Banks Works, Newcastle-on-
1885 Feb. 3.	PROUDFOOT, JAMES LENNOX	..	..	[Tyne.]
1889 Nov. 26.	{ PRYOR, PERCIVAL ARTHUR LEONARD, B.A. .. .. .	..	..	2 Onslow Gardens, S.W.
1885 May 19.	{ PULLEN, WM. WADE FITZHERBERT, Wh. Sc. .. .. .	..	..	70 Beauchamp St., Riverside, Cardiff.
1888 Jan. 24.	PUMFRETT, GEORGE WM. MIDDLETON	..	..	{ Central Ry., Rosario de Santa Fé, Argentine Republic.
1888 Dec. 18.	PURDEY, CECIL ONSLOW	..	..	57 South Audley Street, W.
1886 Apr. 13.	PURSER, WALTER BISHOP	..	..	6 Northgate St., Warwick.
1888 Jan. 24.	PUTMAN, WILLIAM ERNEST YOUNG	..	..	41 Cliff Road, Leeds.
1889 Jan. 8.	PUZEEY, ANDREW ANDERSON	..	..	Barberton, Transvaal.
1887 Jan. 25.	PYKE, LAZARUS	..	..	34 New Tothill St., Westminster, [S.W.]
1888 Jan. 24.	QUODLING, WILLIAM JAMES	..	..	Couranga, Strathfield, N.S.W.
1890 Feb. 18.	{ RAMUS, BERTRAM EDWARD DE NOUAL, B.A. .. .. .	..	..	1 Weltje Rd., Hammersmith, W.
1888 Nov. 27.	RANKEN, ARTHUR WILLIAM, A.K.C.	..	..	{ Electric Construction Corp., Wolverhampton.
1887 Nov. 22.	RANSOM, HERBERT BYROM	..	..	The Pavement, Nottingham.
1889 Dec. 10.	RAPHAEL, FRANCIS CHARLES	..	..	14 Nightingale Place, Woolwich.
1887 May 17.	RATHBONE, ACHESON LYLE	..	..	Green Bank, Liverpool.
1885 Oct. 27.	RATHBUN, EDWARD WALTER	..	..	Deseronto, Ont., Canada.
1887 Nov. 8.	RAVES, BRIAN ALBERT	..	..	Welwyn, Herts.
1886 Mar. 30.	RAYMOND, SYDNEY	..	..	14 Morden Rd., Blackheath Pk., S.E.
1885 Jan. 20.	RAYNER, FRANK	..	..	Cavendish Hill, Sherwood, Nottghm.
1889 Jan. 22.	READING, WILLIAM CHARLES	..	..	{ Briarmains, Paddington, Brisbane, Queensland.
1891 May 5.	REDFERN, CHARLES GEORGE	..	..	31 Molineux St., Derby.
1885 Dec. 1.	REED, HENRY ASHMAN	..	..	Ship Canal, Irlam, Manchester.

Date of Admission.	STUDENTS.	
1887 May 3.	REESON, JOSEPH NEWELL	5 Boyne Ter., Notting Hill, W.
1888 Nov. 20.	REID, ROBERT NEWBY HARTLEY	33 Montpellier Crescent, Brighton.
1887 Dec. 6.	REINHOLD, GUSTAVE CHARLES	Greymouth, N.Z.
1885 Apr. 28.	REMNANT, HENRY VERNON	1 Temple Gardens, E.C.
1887 Dec. 6.	REVILL, WILLIAM HENRY	9 Williams Terrace, Chiswick, W.
1889 Nov. 26.	REYNOLDS, FRANK PAUL, A.K.C.	10 Cambridge Gds., Richmond, S.W.
1885 Dec. 1.	RICHARDS, HENRY FINES	Woodlands Lodge, Isleworth.
1886 May 18.	RICHARDSON, EDWARD	Mexican Land Co., Ensenada, Mexico.
1886 Dec. 14.	RICHMOND, ROBERT RICHARDSON	Tinakori Rd., Wellington, N.Z.
1890 Feb. 18.	RICKARD, JOHN LUCAS	11 Clifton Road, Rugby.
1890 Dec. 9.	RIDGWAY, REGINALD FREDERICK ERNEST	1 Adelaide Terrace, Windsor.
1889 Apr. 9.	RIGBY, ARTHUR BANKS	2 Grove Rd., Rock Ferry, Birken-
1890 Nov. 11.	RIGBY, EDWARD HULME, B.Sc.	Elton, Aintree, Liverpool. [head.
1884 Dec. 23.	RIGBY, HERBERT PETER BARROW	Horwich Junction, Bolton, Lancs.
1886 Mar. 16.	RING, CHARLES GORDON	14 Strathray Gds., Hampstead, N.W.
1887 Oct. 25.	RIVERS, CHARLES HAY	St. Faith's Vicarage, Maidstone.
1890 Nov. 11.	ROBERTS, GERVASE HENRY	15 Ramsbottom Road, Horwich.
1886 Dec. 7.	ROBERTS, GRIFFITH	Portmadoc, North Wales.
1890 Apr. 22.	ROBERTS, JOHN MARRIS, B.E.	50 Morehampton Road, Dublin.
1891 May 12.	ROBERTSON, HENRY CHARLES	Royal Indian Eng. Coll., Staines.
1891 Feb. 10.	ROBERTSON, THOMAS BARCLAY	Royal Indian Eng. Coll., Staines.
1886 Dec. 7.	ROBINS, FREDERICK SANDERSON	14 Hervey Rd., Blackheath, S.E.
1888 Nov. 13.	ROBINSON, JOSEPH PETER	36 York Rd., Birkdale, Southport.
1890 Nov. 18.	ROBINSON, KEITH, A.K.C.	13 Victoria Street, S.W.
1888 Mar. 13.	ROGERS, GEORGE SAMUEL WYON	55 Claremont Rd., Forest Gate, E.
1887 Dec. 6.	ROME, JOHN CHRISTOPHER	100 Chippenham Rd., Harrow Rd., W.
1888 Feb. 7.	ROOKE, THOMAS	{ Electric Construction Corporation, Wolverhampton.
1888 Dec. 4.	ROOME, GEORGE WILLIAM	20 Stafford Rd., Waddon, Croydon.
1886 Nov. 23.	ROOPE, WALTER	27 Stafford Ter., Kensington, W.
1889 Dec. 10.	ROTTON, HUGH FREDERIC ARTHUR	L. & N. W. Ry., Huddersfield.
1891 Apr. 21.	ROUSE, FRANCIS JAMES	Melton Constable.
1889 Mar. 19.	ROYLE, FREDERICK MURRAY	Guildhall, Nottingham.
1888 May 8.	ROYLE, STANLEY ARTHUR	City Surveyor's Office, Manchester.
1889 Jan. 22.	RUNDALL, WILLIAM HARRY, A.K.C.	Mount Park, Ealing, W.
1890 Dec. 16.	RUSSELL, HENRY FRANCIS	City Engineer's Office, Liverpool.
1887 Apr. 19.	RUTTER, CHARLES HERBERT	Gas Co., Hove, Brighton.
1887 Mar. 8.	SANDERSON, CHARLES STEUART BELL	12 Roland Gds., Kensington, S.W.
1886 Nov. 23.	SARGEANT, EDWARD FRANK	{ Sussex Grove, Putney Pk. Avenue, Rochampton.
1889 Mar. 5.	SARGENT, HARRY LIONEL	{ Bewick & Moreing, Suffolk Ho. Laurence Pountney Hill, E.C.
1887 Nov. 22.	SAUNDERS, ERNEST EDWARD	{ City Improvements Co., Caixa 403, Rio de Janeiro.
1891 Jan. 13.	SAVILE, LEOPOLD HALLIDAY	21 Delahay St., Westminster, S.W.
1890 Jan. 21.	SAWHNY, BHAGAT RAM	Royal Indian Eng. Coll., Staines.
1888 Feb. 21.	SCHÄFER, FREDERICK JACOB	F. J. Andres, 25 Pearl St., New York,
1890 Feb. 4.	SCHÜTTE, FRANCIS ALBERT BASIL	16 Clarence Road, Kew. [U.S.
1888 Nov. 20.	SCHWARTZ, ALFRED	Ivy House, Woolford, Essex.
1889 Jan. 22.	SCONCE, HENRY ARCHIBALD KERR	Res. Eng.'s Off., Runcorn, Cheshire.
1889 Nov. 26.	SCOTT, CECIL GRAHAM	F. C. del Sud, Buenos Ayres.
1891 Apr. 14.	SCOTT, JOHN ARCHIBALD	Milliken Park, Johnstone, N.B.
1888 May 8.	SCOTT, MALCOLM BALFOUR	Avenue Rd., N. Adelaide, S. Australia.
1886 Nov. 23.	SCOVELL, WALTER NITHSDALE	20 Harrington Street, Dublin.
1887 Jan. 11.	SCRUTTON, LINDSAY	J. M. Restrepo, Honda, U.S. Colombia.
1888 Apr. 10.	SEALY-ALLIN, AURIOL	52 Woodstock Rd., Bedford P., W.
1891 Mar. 3.	SEARS, ROBERT HUMPHRY, Jun.	{ Formans & McCall, 160 Hope St., Glasgow.
1890 Dec. 2.	SEAVILL, LEONARD CROWLEY	Dalton Hall, Victoria Pk., M'ch't'r.
1887 Nov. 8.	SETTLE, JOSEPH RISLEY	Ship Canal Co., Spring Gdns., Mehtr.
1887 Dec. 20.	SHAKOOR, NAJEEB MANSOOR	41 Faggala, Cairo.

Date of Admission.	STUDENTS.		
1889 Mar. 26.	SHARMAN, JOHN ROXBURGH	.. ..	2 Rudall Crescent, Hampstead, N.W.
1886 May 11.	SHARP, FREDERIC DAVID	.. ..	Dore & Chinley Ry., Chapel-en-le-
1891 Mar. 3.	SHAW, GEORGE	.. ..	111 Bow Road, E. [Frith.
1885 Feb. 3.	SHEARD, WILLIAM CURWEN	.. ..	138 Wellington Rd., Heaton Chapel, [Tyne.
1888 Apr. 10.	SHEFFIELD, GEORGE HARRISON	.. ..	R. Stephenson & Co., Newcastle-on-
1887 Dec. 6.	SHELLDS, FRANCIS ERNEST WENTWORTH	.. ..	6 Delahay St., Westminster, S.W.
1888 Nov. 20.	SHENTON, HENRY CHAWNER HINE	.. ..	Longton Avenue, Sydenham Hill, S.E.
1889 Nov. 26.	SHEPARD, DENNIS GRENVILLE	.. ..	13 Victoria Street, S.W.
1889 Dec. 10.	SHEPHERD, JOSEPH	.. ..	222 Broomielaw, Glasgow. [h'm.
1887 Feb. 15.	SHOOSMITH, HARRY, Wh. Sc.	.. ..	G. Kynoch & Co., Witton, nr. Birming-
1889 Dec. 17.	SHORTLAND, CHARLES VINCENT NIXON	.. ..	Claremont, Croydon Rd., Anerley, S.E.
1891 Mar. 24.	SIBOLD, CHARLES WILLIAM	.. ..	Royal Indian Eng. Coll., Staines.
1889 Feb. 19.	SILLEM, CHARLES FREDERICK, B.A.	.. ..	Laurie Park, Sydenham, S.E.
1887 Dec. 20.	SIMITOPOULOS, ELIAS DEMETRIUS	.. ..	Ottoman Ry., Aidin, Smyrna.
1886 Mar. 30.	SIMKINS, WILLIAM	.. ..	P.O. Box 116, Los Angeles, Cal., U.S.
1888 Dec. 18.	SIMPSON, CHARLES EDWARD	.. ..	Leekhamstead, Buckingham.
1889 Apr. 16.	SIMPSON, WILLIAM	.. ..	Clyde Navigation, Glasgow.
1890 Nov. 18.	SIMSON, JOHN MILES	.. ..	36 Great George Street, S.W.
1886 Dec. 21.	SINNOTT, EDWARD STOCKLEY	.. ..	4 Osnaburgh St., Regent's Park, N.W.
1889 Nov. 26.	SISSON, NORMAN	.. ..	Shone & Ault, Gt. George St. Chmbs.
1885 Dec. 1.	SKINNER, HARRY ROSS	.. ..	The Manse, Tarland, N.B. [S.W.
1890 Nov. 18.	SLATER, ERIC ARNOLD	.. ..	Cheveley Hall, Mannamoad, Plymouth.
1889 Jan. 8.	SLATER, JOSEPH	.. ..	City Surveyor's Office, Manchester.
1891 Jan. 13.	SLOPER, ERNEST WILLMOTT	.. ..	Fore St., Kingsbridge, So. Devon.
1886 Feb. 2.	SMALL, DAVID HENRY, Jun.	.. ..	47 Belvedere Rd., Upper Norwood, S.E.
1887 Nov. 8.	{ SMITH, ALEXANDER ARTHUR DAL- RYMPLE	{	{ The Oaks, Sunderland.
1888 May 1.	SMITH, CHARLES CLEMESHA	.. ..	16 Hyde Park Terrace, Leeds.
1888 Dec. 11.	SMITH, CHARLES MELBOURNE	.. ..	{ Church Hill House, Morningside, Edinburgh.
1887 Feb. 15.	SMITH, HAROLD DUKE	.. ..	2 Bell Grove Villas, Welling, Kent.
1888 Mar. 20.	SMITH, HARRY COLVIN	.. ..	5 Cresswell Gardens, S.W.
1888 Mar. 27.	SMITH HENRY VAUGHAN CRAWFURTH	.. ..	119 Elgin Crescent, Notting Hill, W.
1888 May 8.	SMITH, STEPHEN	.. ..	18 Moray Place, Edinburgh.
1891 May 5.	SMITH, VINCENT	.. ..	Nesham Place, Houghton-le-Spring.
1889 Feb. 26.	SMITH, WILLIAM WARREN	.. ..	Garstone Park, Goudstone, Surrey.
1889 Nov. 26.	SOBBE, FERDINAND AUGUSTUS VON	.. ..	3 Belvedere Rd., Princes Park, Liver-
1884 Nov. 25.	SPARKS, IVON ALGERNON	.. ..	Suffolk Ho., Putney Hill, S.W. [pool.
1888 Feb. 7.	SPARKS, JAMES NOËL, B.A., A.K.C.	.. ..	Jesus College, Cambridge.
1887 Dec. 20.	SPEENCE, WILFRID LAWSON	.. ..	Winterfield, Hr. Broughton, Meht.
1887 Apr. 26.	SPENCER, LEONARD GRANTLEY PAOLI	.. ..	Grammar School, Tavistock.
1885 Dec. 1.	STAINFORTH, GEORGE MAYNARD	.. ..	Martinholme, Redhill, Surrey.
1889 Feb. 19.	STALLARD, SIDNEY	.. ..	Barming, Maidstone.
1891 Apr. 14.	STAMP, CHARLES	.. ..	The Willows, Sunderland.
1885 Nov. 3.	STANDFIELD, FRANK	.. ..	44 Lillieshall Rd., Clapham, S.W.
1889 Jan. 22.	STANDLEY, ALFRED WILLIAM EVANS	.. ..	Rose Villa, Bromboro', Cheshire.
1885 May 5.	STANLEY, EDWARD GOWER	.. ..	P.W.D., Secunderabad, India
1885 Nov. 10.	STAPLES, SYDNEY FRANCIS	.. ..	87 Avenue Rd., Regent's Pk., N.W.
1888 Nov. 13.	STEPHENS, HOLMAN FRED.	.. ..	Eng.'s Office, Horsmonden, Kent.
1888 Jan. 24.	STEPHENS, HUGH OWEN TAYLOR GREEN	.. ..	7 Quay St., Carmarthen. [Dublin.
1889 Dec. 10.	STEPHENS, JOHN BARTON	.. ..	8 Clarinda Park E., Kingstown.
1886 Mar. 16.	STEPHENSON, RALPH HARRY	.. ..	56 Newcastle St., Stone, Staffs.
1885 Feb. 3.	STERN, EUGENE WASHINGTON	.. ..	{ Bridge Co., 443 Rookery Building, Chicago, Ill., U.S.
1885 Nov. 17.	STEVENSON, JAMES MELVILLE	.. ..	Glenholm, Remuera, Auckland, N.Z.
1885 Nov. 17.	STEWART, ALEXANDER	.. ..	Burgh Eng.'s Office, Edinburgh.
1887 Nov. 8.	STEWART, DUNCAN HUBERT	.. ..	4 St. Aidan's Terrace, Birkenhead.
1887 Apr. 26.	STEWART, FRANK	.. ..	Ship Canal, Weston Point, Runcorn.
1887 Mar. 15.	STEWART, THOMAS	.. ..	Harbour Works, Port Natal.
1885 Dec. 1.	STILGOE, HENRY EDWARD	.. ..	10 Jutland Rd., Catford, S.E.
1888 Apr. 10.	STILL, ALFRED	.. ..	Inchbrook House, nr. Stroud.
1889 Jan. 15.	STILL, PERCY	.. ..	Inchbrook House, nr. Stroud.

Date of Admission.	STUDENTS.		
1891 Feb. 10.	STIRLING, JAMES LINDSAY	.. ..	Royal Indian Eng. Coll., Staines.
1889 Mar. 19.	STOCKEN, ALFRED LEONARD	.. ..	{ 6 Bexley Terrace, Mornington Road, Leytonstone.
1889 Nov. 26.	STOKER, GILBERT	.. ..	L. & N. W. Ry., Eng.'s Off., Walsall.
1890 Nov. 25.	STONES, WILLIAM GRIMSHAW	.. ..	Lovely Hall, Blackburn.
1888 Nov. 13.	STONE, EDWARD DUNCAN	.. ..	Waterside Ironworks, Ipswich.
1886 Dec. 7.	STOREY, HARRY	.. ..	Matale, Ceylon.
1889 Mar. 5.	{ STOURTON, ATHELSTANE PHILIP JOSEPH .. ..	.. ..	{ The Grove, Bournemouth.
1890 Nov. 18.	STOWELL, HUGH	.. ..	Boro' Engineer's Office, Salford.
1888 Feb. 7.	STRAPP, CHARLES LÉOPÔL	.. ..	Ladbroke, Red Hill.
1888 Nov. 13.	STREATFIELD, HUGH SIDNEY	.. ..	Leechmere House, Sunderland.
1888 Jan. 31.	STRIDE, HERBERT WALTER	.. ..	L. T. & S. Ry., Hornchurch, Essex.
1888 Feb. 7.	SUTCLIFFE, FREDERICK WILLIAM	.. ..	Oak Hill, Burnley, Lancs.
1889 Mar. 5.	SUTCLIFFE, JOHN	.. ..	110 Chorley Old Road, Bolton.
1888 Jan. 17.	SUTHERLAND, JAMES	.. ..	31 Warriston Crescent, Edinburgh.
1887 Feb. 22.	SUTHERLAND, RONALD CAEMMERER	.. ..	Hazlemere Lodge, Beckenham.
1890 Apr. 29.	SWAN, HERBERT ARTHUR, JUN.	.. ..	Eastbrooke, Middlesbrough.
1890 Nov. 25.	SWIFT, FRANK WILLIAM	.. ..	537 Manchester Rd., Isle of Dogs, E.
1885 Mar. 3.	SYMONS, PERCY WILSON	.. ..	{ Fair View, Underdale R l., Shrewsbury.
1886 Dec. 7.	TABOR, EDWARD HENRY	.. ..	Fennes, Braintree, Essex.
1888 Nov. 20.	TAIT, WILLIAM ARCHER PORTER, B.Sc.	.. ..	Central Ry., Union St., Glasgow.
1888 Nov. 13.	TAYLOR, FRANCIS MANLEY SHAW	.. ..	.. ..
1885 Nov. 3.	TAYLOR, JOHN ARCHIBALD	.. ..	M.S.&L. Ry., Staveley, Chesterfield.
1888 Apr. 10.	TAYLOR, NORMAN MAUGHAN	.. ..	F. C. M. del Sur, Tehuacan, Puebla,
1889 Apr. 30.	TAYLOR, THOMAS GEORGE	.. ..	Town Surv., Douglas, I. of M. [Mex.
1889 Nov. 5.	TAYLOR, WILLIAM OSWALD	.. ..	G. W. Ry., 2A Bishop's Road, W.
1889 Apr. 9.	THOMAS, BERTRAM	.. ..	18 Sisters Av., Clapham Com., S.W.
1891 Feb. 10.	THOMAS, WILLIAM MATTHEWS	.. ..	Royal Indian Eng. Coll., Staines.
1890 Nov. 18.	THOMASSON, LUCAS	.. ..	11 Lansdowne Pl., Blackheath, S.E.
1888 Nov. 27.	THOMPSON, CHARLES WILSON	.. ..	St. Paul's Vicarage, Blackburn.
1888 Oct. 30.	THOMPSON, JOHN	.. ..	73 Brackenbury Rd., Preston.
1887 Dec. 6.	THOMPSON, JOHN BAIRD	.. ..	Ponsonby Terrace, Auckland, N.Z.
1889 Nov. 5.	THOMPSON, JOHN EDWARD OAKES	.. ..	The Mount, Orford, nr. Warrington.
1885 Dec. 1.	THOMSON, THOMAS FRAME	.. ..	21 Delahay St., Westminster, S.W.
1885 Mar. 3.	THORNTON, CHARLES JAMES	.. ..	12 Causeway, Horsham.
1884 Dec. 23.	THORNTON, JOHN ARTHUR	.. ..	The Poplars, Burnley, Lancs.
1888 Feb. 14.	THORNTON, STANHOPE EVELYN	.. ..	The Hermitage, Reigate.
1890 Nov. 18.	THORNYCROFT, JOHN EDWARD	.. ..	Eyot Villa, Chiswick Mall, W.
1890 Nov. 18.	THORP, RICHARD FENWICK	.. ..	Charlton Hall, Chat Hill, Northmld.
1890 Apr. 29.	THORPE, ARTHUR NOEL	.. ..	{ Eng. to H. H. the Maharâj-Râna, Dhôlpur, Central India.
1887 Feb. 8.	TILL, GUY LAURENCE	.. ..	Handsworth, Birmingham.
1887 Mar. 15.	TIPLADY, RICHARD CLEMENT	.. ..	{ B. & São Francisco Ry., Calçada, Bahia, Brazil.
1888 Feb. 14.	TOCKE, ALFRED REGINALD	.. ..	Ship Canal, Salford Docks, Lancs.
1890 Mar. 18.	TODD, REGINALD	.. ..	Royal Indian Eng. Coll., Staines.
1890 Nov. 25.	TONGE, JOHN HENRY	.. ..	23 Regency St., Westminster, S.W.
1890 Dec. 2.	TOOTH, STANLEY, B.A.	.. ..	13 Queen's Rd., Erith, Kent.
1886 Dec. 7.	TOWER, WILLIAM	.. ..	Govt. Rys., Nann Oya, Ceylon.
1890 Nov. 18.	{ TOWNSHEND, ROBERT PONSONBY LOFTUS, B.A. .. ..	.. ..	{ 3 Vernon Chambers, W.C.
1887 Oct. 25.	TRAGETT, THOMAS HEATHCOTE	.. ..	Awbridge Danes, Romsey, Hants.
1888 Mar. 20.	TRISTRAM, CHARLES FRANCIS	.. ..	76 Oxford Gardens, W.
1891 Feb. 10.	TRUNINGER, LIONEL	.. ..	Royal Indian Eng. Coll., Staines.
1886 Dec. 7.	TRYE, CHARLES BRANDON	.. ..	Eng.'s Office, Midland Ry., Derby.
1886 Mar. 23.	TURNBULL, WILLIAM GEORGE	.. ..	{ Sandilands Cottage, Uddingston, Glasgow.

Date of Admission.	STUDENTS.				
1891 Feb. 10.	TURNER, ARCHER	..	..	..	Glen View, Stratton-on-the-Fosse.
1887 Dec. 6.	TWINBERROW, JAMES DENNIS	..	..	..	Bridge Street Works, Smethwick,
1886 May 18.	TYACKE, FRANCIS HERBERT	..	..	..	1 Victoria Street, S.W. [B'ham.
1886 Dec. 7.	TYLER, ALFRED HUGH	..	..	..	Broxbourne, Herts.
1887 Feb. 22.	UNDERHILL, WALTER ROBERT	..	..	..	1 Warwick Rd., Maida Hill, W.
1887 Feb. 1.	UNDERWOOD, WILLIAM ELPHINSTONE	..	..	..	23 Boltons, West Brompton, S.W.
1888 May 1.	UNWIN, PHILIP IBOTSON	..	..	..	{ Coomb's Wood Tube Works, Hales- owen.
1890 Nov. 18.	VALLANCE, BERTRAM	..	..	..	Deanery, Romford Rd., Stratford, E.
1887 Nov. 22.	VAUGHAN, HENRY HAGUE	..	..	..	297 Hagley Rd., Birmingham.
1888 Nov. 13.	VAUGHAN-LEE, ALEC GEORGE	..	..	..	7 Charles St., St. James's Sq., S.W.
1886 Dec. 14.	VEREKER, FREDK. JAMES WELLINGTON	..	..	..	{ Wellington Villa, Military Road, Limerick.
1887 Apr. 19.	VERRALL, RICHARD PERCY	..	..	..	{ 158 River View, New Chester Road, Birkenhead.
1889 Feb. 5.	VICKERS, THOMAS	..	..	..	Boro' Surveyor's Office, Reading.
1891 Mar. 17.	VIRGOE, WALTER HARRY	..	..	..	Woodthorpe, Acton, W.
1887 Dec. 13.	{ WADE, EDWARD HYDE ROBERT WY- BRANTS .. .. . }	..	..	..	Surv. Gen.'s Off., Colombo, Ceylon.
1886 Mar. 30.	WADE, HENRY JAMES SEATON	..	..	..	28 Park Row, Nottingham.
1889 Mar. 26.	WADE, JAMES SCARGILL	..	..	..	Cecil St., Ashfield, N.S.W.
1886 Apr. 20.	WAKEFORD, ARTHUR HENRY	..	..	..	4 Idmiston Rd., West Norwood, S.E.
1890 Jan. 21.	WALKER, ARCHIBALD EDWARD	..	..	..	166 Peckham Rye, S.E. [Leeds.
1888 Dec. 18.	WALKER, MURRAY	..	..	..	Elmore's Wire Manfg. Co., Hunslet,
1890 Apr. 29.	WALKER, ROBERT, JUN., B.E.	..	..	..	26 Palace St., Buckingham Gate, S.W.
1886 Feb. 2.	WALLER, ARTHUR HERBERT	..	..	..	P.O., Maritzburg, Natal.
1889 Mar. 19.	WALLER, BERTRAM BRAUND	..	..	..	Forest Lodge, Eltham.
1887 Nov. 8.	WALLER, CHARLES JAMES POWER	..	..	..
1889 Mar. 26.	WALTERS, JOHN HUTH	..	..	..	11 Belsize Cres., Hampstead, N.W.
1888 May 8.	WARD, FREDERICK DARWENT	..	..	..	3 Cobden Street, Welshpool.
1886 Dec. 7.	WARNE, EDWARD OSBORN	..	..	..	Rowlands, Lingfield, Surrey.
1889 Mar. 19.	WARREN, HAROLD	..	..	..	11 Delahay St., Westminster, S.W.
1890 May 20.	WATKINS, WILFRID JOHN ARIS	..	..	..	61 Guilford St., Russell Square, W.C.
1889 Nov. 15.	WATSON, GEORGE	..	..	..	37 Mount Preston, Leeds. [London.]
1886 Feb. 2.	WATSON, JAMES RONALD	..	..	..	35 Queen Victoria St., E.C. [Bobolink,
1883 Nov. 20.	WATSON, JOHN EDWARD	..	..	..	{ 17 Buckleigh Rd., Streatham Com- mon, S.W.
1888 Jan. 17.	WATSON, WILLIAM STEPHEN	..	..	..	J. Church, 55 Parliament St., S.W.
1890 Jan. 21.	WEBB, WILFRED LE PLASTRIER	..	..	..	19 Tivoli Pl., Cheltenham.
1891 May 5.	WEIR, WILLIAM PARK...	..	..	..	Kennet Village, Alloa, N.B.
1885 Nov. 17.	WELLS, SIDNEY HERBERT, Wh.Sc.	..	..	..	Eng. Lab., Dulwich College, S.E.
1886 Nov. 23.	WESTERN, RICHARD WALSINGHAM	..	..	..	Perry-Mead, Bath.
1890 Apr. 1.	WHEATLEY, ARTHUR JOHN	..	..	..	8 High St., Harborne, Staffs.
1888 Jan. 17.	WHEATLEY, HENRY LAWRENCE	..	..	..	{ Improvement Co., Caixa 403, Rio de Janeiro.
1891 Feb. 24.	WHEELER, GEORGE UZZIAH, Wh.Sc.	..	..	..	58 The Terrace, Upton Manor, Essex.
1889 Nov. 26.	WHEELER, WILLIAM HERBERT, B.A.	..	..	..	Boston. Lines.
1888 Nov. 20.	WHITAKER, JAMES, Wh.Sc.	..	..	..	260 Moss Lane East, Manchester.
1886 May 11.	WHITE, CHARLES STANLEY	..	..	..	Daisy Hill, Rawdon, Leeds.
1888 Nov. 20.	WHITE, HENRY THOMAS	..	..	..	42 Hazelville Rd., Hornsey Lane, N.
1887 Mar. 29.	WHITE, JOHN	..	..	..	Boro' Eng.'s Office, Folkestone.
1890 Nov. 18.	WHITEFORD, ERIC HAMILTON	..	..	..	5 Sussex Terrace, Plymouth.
1888 Dec. 18.	WHITELAW, JOHN, JUN.	..	..	..	10 Moston Terrace, Edinburgh.
1891 Feb. 17.	WICKHAM, PERCY FREDERIC	..	..	..	Royal Indian Eng. Coll., Staines.
1887 Jan. 25.	WICKHAM, WILLIAM HENRY	..	..	..	Gibb, Livingston & Co., Hong Kong.
1890 Mar. 18.	WILDISH, REGINALD GEORGE	..	..	..	285 Lewisham Road, S.E.
1890 Dec. 2.	WILLIAMS, ARTHUR JOHN	..	..	..	Ship Canal, Ince, nr. Chester.

Date of Admission.	STUDENTS.		
1887 Mar. 22.	WILLIAMS, WILLIAM RICHARD	.. ..	Gwaun House, Fishguard, Pembroke.
1890 Feb. 18.	WILLIAMSON, ANDREW	.. ..	Imperial Bank, Teheran, Persia.
1890 Apr. 22.	WILLMOTT, HERBERT MORTON	.. ..	Royal Indian Eng. Coll., Staines.
1890 Nov. 18.	WILSON, BENJAMIN LEONARD	.. ..	96 Edge Lane, Liverpool.
1887 Dec. 20.	WILSON, ERNEST MOORE	.. ..	{ Church of England Grammar School, Melbourne, Victoria.
1887 Mar. 8.	WILSON, HERMAN GEORGE	.. ..	Heatherbank, Weybridge.
1890 Nov. 18.	WILSON, NORMAN FORSTER	.. ..	Stricklandcote, Kendal.
1891 Jan. 13.	WILSON, NORMAN MCLEOD RAMSAY	.. ..	West Highland Ry., Inverarnan, N.B.
1889 Jan. 8.	WILSON, WILLIAM EDWD. CHAILLONER	.. ..	The Bank, Alfreton, Derbyshire.
1889 Jan. 22.	WILSON, WILLIAM HENRY	.. ..	Sharp, Stewart & Co., Glasgow.
1885 May 19.	WISSENDEN, REGINALD	.. ..	Ship Canal, Irlam, Manchester.
1888 Feb. 7.	WOLFENDEN, BENJAMIN JAMES	.. ..	Surveyor's Off., Town Hall, Southport.
1890 May 13.	WOLFF, CHARLES ERNEST	.. ..	The Clough, Hale, Altrincham.
1887 May 3.	WOLLHEIM, ALBERT	.. ..	21 Ridgway Place, Wimbledon.
1890 Feb. 18.	WOOD, FRANCIS	.. ..	Boro' Eng.'s Office, Leicester.
1885 Oct. 27.	WOODWARD, ERNEST ARTHUR BORAMAN	.. ..	Hill Ho., St. Helen's, Lancs.
1889 May 21.	WOODWARD, HENRY RICHARD KEMP	.. ..	G.W.Ry., Millbay Station, Plymouth.
1889 Nov. 15.	WOODWARD, JOHN HAROLD	.. ..	{ Electric Construction Corporation, Wolverhampton.
1887 Oct. 25.	WOOLCOCK, JOSEPH HENRY	.. ..	Rickerby Ho., St. Bees, Carnforth.
1890 Feb. 11.	WOOTTON, HENRY	.. ..	{ Nickolls & Donne, Bolivar 240, Buenos Ayres.
1884 Dec. 2.	WORDINGHAM, CHARLES HENRY, A.K.C.	.. ..	{ London Electric Supply Corpora- tion, 3 Adelphi Terrace, W.C.
1889 Jan. 15.	WORNUM, JOHN RUSKIN	.. ..	5 Clarence Terrace, Rochester.
1886 Dec. 7.	WORTH, RICHARD GEORGE HANSFORD	.. ..	42 George Street, Plymouth.
1884 Dec. 23.	WREATHALL, HARRY	.. ..	Manor Farm, Greenhill, Harrow.
1888 Nov. 20.	WRENCH, FRANCIS HOULTON	.. ..	Park Lodge, Baslow, Chesterfield.
1891 Feb. 10.	WREY, GERALD BOURCHIER SHERARD	.. ..	Royal Indian Eng. Coll., Staines.
1889 Dec. 17.	WRIGHT, ERNEST	.. ..	The Willows, Harlesden, N.W.
1888 May 8.	WRIGHT, THOMAS	.. ..	4 Virginia Terrace, Leeds.
1888 Nov. 13.	WYATT-SMITH, ALAN	.. ..	F. C. del Sud, Buenos Ayres.
1887 Dec. 13.	YEAMAN, CHARLES HENRY	.. ..	City Eng.'s Off., Liverpool.
1888 Nov. 13.	YONGE, MAURICE EDWARD	.. ..	Otterbourne House, Winchester.
1889 Jan. 15.	YOUNG, ALFRED ERNEST	.. ..	Cornwall Works, Soho, Birmingham.
1889 Feb. 5.	YOUNG, JAMES	.. ..	Caerleon, New Kilpatrick, N.B.
1889 Mar. 26.	YOUNG, WILLIAM CHRISTOPHER	.. ..	Pontoon Dock Co., Malta.
1890 Apr. 1.	ZIEGLER, GEORGE HEARSEY OTTO	Louis Nieto, Bogota, U.S. Colombia.

Total number of Students 898.

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